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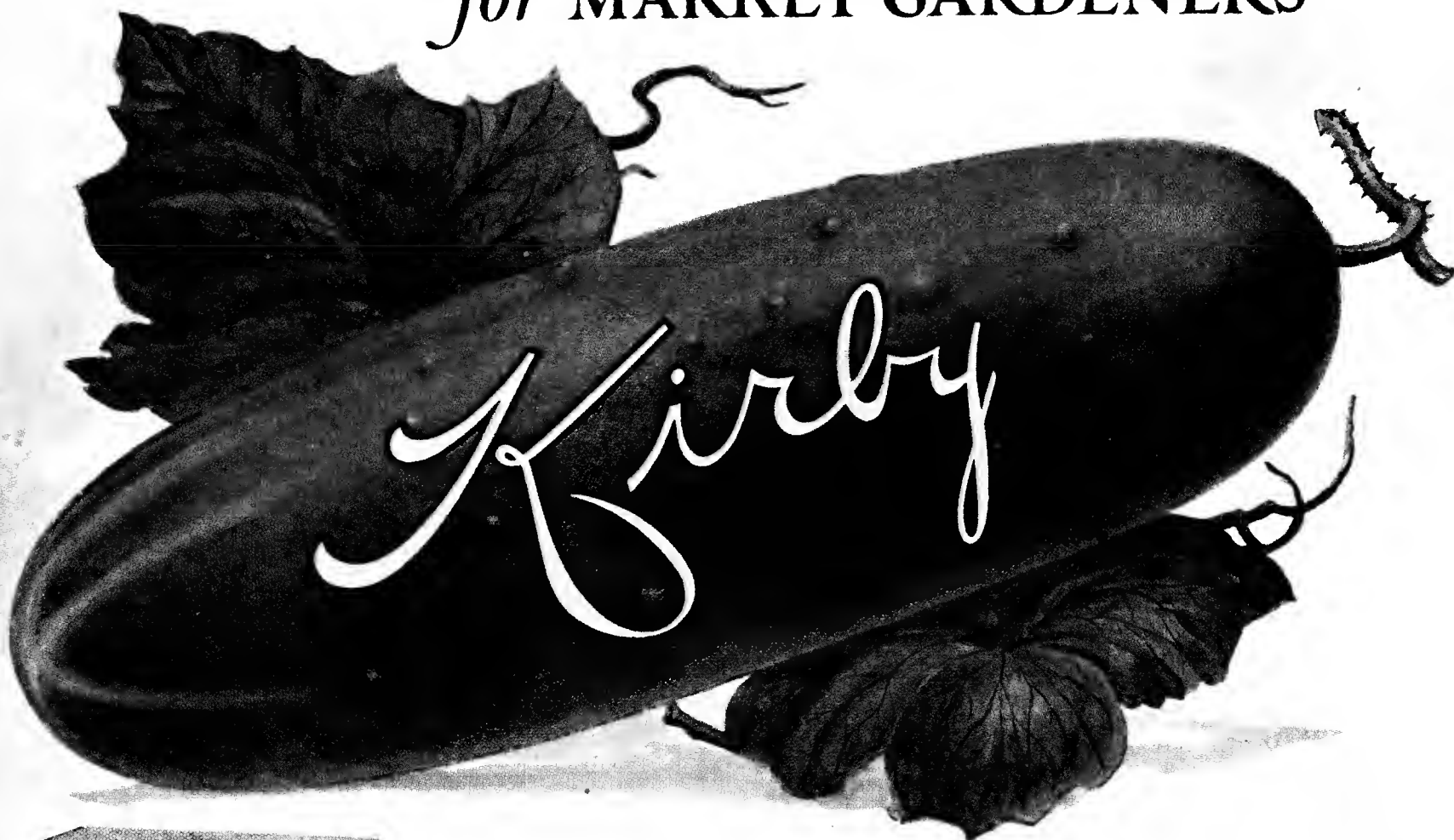
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1932 --- Price List

SIMON'S

Perfection Seeds

for MARKET GARDENERS



ORIGINATORS STOCK ONLY
WHEN IN CONTAINER LIKE ABOVE

I. N. SIMON & SON
Seedsman
438 and 436 MARKET STREET
Philadelphia, Pa., U.S.A.

SPECIAL NOTICE

We make a specialty of supplying Market Gardeners with the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it, we spare no expense in securing stock of it. We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first-class seeds can be sold for.

It is our endeavor to maintain the prices quoted in this catalogue throughout the season, and while we do not think there will be any serious change, they are subject to change without notice. We recommend that you order as early as possible.

How to Order and Remit—Read Carefully

Use the order sheet enclosed in Catalogue if possible. Write your name, post-office, nearest express or freight office (if different from post-office), County and State. Write plainly to avoid mistakes.

Remittances should be made by POSTAL MONEY ORDER, EXPRESS MONEY ORDER, CERTIFIED CHECK, or by REGISTERED LETTER.

Prepaid Orders.—We Prepay Transportation (Parcels Post, Express), our option, on all flower and vegetable seeds in packets, ounces, quarter pounds, half pounds and pounds, at prices quoted herein, to any point in the UNITED STATES, CANADA, SOUTH AMERICA, WEST INDIES, including CUBA, when CASH accompanies order.

Bulk Orders.—We Prepay Freight or Express Charges, our option, to your nearest railroad station to any point in the UNITED STATES or CANADA on orders amounting to TEN DOLLARS or more if CASH accompanies order on vegetable and flower seeds, providing not more than 50% of the value is PEAS, BEANS or CORN.

Purchaser Pays Transportation on POTATOES, ONION SETS, IMPLEMENTS, INSECTICIDES and FERTILIZERS, also on PEAS, BEANS and CORN, when ordered alone in five-pound lots or more.

The Parcels Post rate to CANADA, SOUTH AMERICA and the WEST INDIES, including CUBA, is 14 cents per pound.

C. O. D. Orders.—If goods are to be sent by EXPRESS C. O. D. or SIGHT DRAFT BILL OF LADING ATTACHED, 25 per cent of the amount must accompany the order. All C. O. D. CHARGES must be assumed by customer.

If wanted by C. O. D. Parcels Post, charges will be ADDED thereto.

Parties buying large quantities of any one variety will be quoted special prices on application.

PARCELS POST RATES WITHIN U. S. AND POSSESSIONS FROM PHILADELPHIA, PA.

	First Pound or Fraction	Each Additional Pound or Fraction
First Zone, within 50 miles of Philadelphia.....	7c	1c
Second Zone, within 50-150 miles of Philadelphia.....	7c	1c
Third Zone, within 150-300 miles of Philadelphia.....	8c	2c
Fourth Zone, within 300-600 miles of Philadelphia.....	8c	4c
Fifth Zone, within 600-1000 miles of Philadelphia.....	9c	6c
Sixth Zone, within 1000-1400 miles of Philadelphia.....	10c	8c
Seventh Zone, within 1400-1800 miles of Philadelphia.....	12c	10c
Eighth Zone, all over 1800 miles of Philadelphia.....	13c	12c

Weight Limit.—The weight limit within the first, second and third zones is 70 pounds, and within all other zones 50 pounds. If in doubt, obtain your zone rate from your Postmaster.

Shipments of 20 pounds or over are cheaper if sent by Express beyond the third zone.

Express and freight rates are cheaper in large quantities. We make no charge for delivery to freight depot or express office.

We Do Not Warrant Seeds

The fact that no reputable seedsman now warrants seeds in any respect being well known, renders it unnecessary for us to say very much on this point, as it must be apparent to every intelligent person that no seedsman can afford to send out poor or worthless seeds. There could be no more certain way of destroying his business. We beg to append the following notice:

We give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop.

I. N. SIMON & SON

438 and 436 MARKET STREET

Philadelphia, Pa., U. S. A.

WESLEY D. SIMON

NORVAL E. KIRBY

1932

ORDER SHEET

I. N. SIMON & SON,

**438 & 436 MARKET STREET
PHILADELPHIA
PENNSYLVANIA, U. S. A.**

All members of one family should order under one name. PERSONAL CHECKS FROM UNKNOWN PATRONS WILL BE CASHED BEFORE ORDER IS EXECUTED
If you have changed your address since last ordering please give old and new address.

Please forward the following as per terms of your Descriptive Catalogue to

Name _____ **Date** _____
(Mr., Mrs., or Miss: Write name and address very plainly.)

Street..... **P. O. Box No.**.....

Post Office R. F. D. No.

County..... **State**.....

Express or Freight Office { If different }
 { from P. O. }

HOW SHALL WE SHIP? {State on this line whether wanted }
by Parcels Post, Express or Freight }-----

AMOUNT ENCLOSED: P. O. Order..... Express Order..... Check or Draft..... Cash..... Stamps..... Total.....

How to Send Remittance

***Never send Bills or Currency in a letter. If necessary to do so be sure to REGISTER IT.
The safest form of remittance is a Check, Post Office or Express Money Order.***

[illegible]

I. N. SIMON & SON

give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop.

(OVER)

THE PLANTER'S GUIDE

1

Containing a monthly calendar of operations and some useful tables, arranged to help the gardener or farmer in the sowing of seeds or setting out of plants from February to October in the latitude of Philadelphia.

February	March	April	May	June	July	August	September
Sow in Hotbed	Sow in Hotbed	Sow in Hotbed	In Open Ground	In Open Ground	In Open Ground	In Open Ground	In Open Ground
Broccoli Early Cabbage Forcing Carrot Early Celery Cucumber Eggplant Early Lettuce Parsley Pepper Radish Tomato	Early Beets Brussels Sprouts Early Cabbage Forcing Carrot Cauliflower Celery Eggplant Kohl Rabi Lettuce Parsley Pepper Radish Tomato	Cucumber Eggplant Melon Pepper Tomato In Open Ground Asparagus Beets Brussels Sprouts Early Cabbage Carrot Cauliflower Celery Cress Kohl Rabi Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Spinach Early Turnip	Artichoke Asparagus Beans, Bush and Running Beets Brussels Sprouts Carrot Cauliflower Celery Sweet Corn Cress Cucumber Kohl Rabi Leek Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Salsify Spinach Early Turnip	Beans, Lima and all other sorts Beets Broccoli Brussels Sprouts Late Cabbage Carrot Cauliflower Sweet Corn Cress Cucumber Endive Kale Kohl Rabi Lettuce Melon Nasturtium Okra Early Peas Potatoes Pumpkin Radish Spinach Squash Herbs	Beans Beets Carrot Sweet Corn Corn Salad Cress Cucumber Endive Gherkin Kale Kohl Rabi Lettuce Nasturtium Okra Early Peas Pumpkin Radish Spinach Squash Turnip Rutabaga	Beans, Bush Chervil Corn Salad Cucumber Endive Kale Lettuce Welsh Onion Early Peas Radish Spinach Turnip Rutabaga	Cabbage for cold frames Cauliflower for cold frames Chervil Corn Salad Cress Siberian Kale Lettuce Mustard Winter Radish Spinach Turnip Sweet Peas
Simon's Columbia Tomato A Wonderful Money Maker	In Open Ground Beets Carrot Leek Onion Peas Potatoes Radish Spinach Early Turnip					We Suggest a trial of our Chinese Cabbage Three Distinct Varieties	

Quantity of Seeds Usually Sown per Acre

Asparagus Roots, 4 x 1 ft.	10,000
Barley, broadcast	2 to 3 bushels
Beans, dwarf in drills	1½ bushels
Beans, pole, in drills	10 to 12 quarts
Beets, in drills	5 to 6 pounds
Broom Corn, in drills	8 to 10 pounds
Buckwheat	1 bushel
Cabbage in beds, to transplant	¼ pound
Carrots, in drills	3 to 4 pounds
Corn, in hills	8 to 10 quarts
Corn, for fodder	3 bushels
Cow Peas	1½ to 2 bushels
Cucumber, in hills	2 pounds
Melon, Musk, in hills	2 to 3 pounds
Melon, Water, in hills	4 to 5 pounds
Mustard, broadcast	25 pounds
Oats, broadcast	2 to 3 bushels
Onion, in drills	5 to 6 pounds
Onion for sets, in drills	50 pounds
Parsnip, in drills	4 to 6 pounds
Peas, in drills	1½ bushels
Peas, broadcast	3 bushels
Potatoes, cut tubers	10 bushels
Pumpkin, in hills	3 to 4 pounds
Radish, in drills	8 to 10 pounds
Rape, Dwarf Essex, broadcast	5 to 6 pounds
Rye, broadcast	1½ bushels
Sage, in drills	8 to 10 pounds
Salsify, in drills	8 to 10 pounds
Spinach, in drills	10 to 12 pounds
Spinach, broadcast	30 pounds
Squash, bush varieties, in hills	4 to 6 pounds
Squash, running, in hills	3 to 4 pounds
Sugar Cane or Sorghum	10 to 12 pounds
Tomato, to Transplant	¼ pound
Turnip, in drills	1½ pounds
Turnip, broadcast	2 to 4 pounds
Vetches, broadcast	60 to 90 pounds
Wheat, broadcast	1½ to 2 bushels

Grass Seeds Usually Sown to the Acre

Clover, Alfalfa	20 pounds
Clover, Alsike	12 pounds
Clover, Crimson	12 to 15 pounds
Clover, Red	12 to 15 pounds
Clover, White Blossom, Sweet	25 pounds
Clover, White Dutch	10 pounds
Grass, Blue	2½ to 3 bushels
Grass, Orchard	1½ to 2 bushels
Grass, Pasture	2½ to 3 bushels
Grass, Red Top	1½ to 2 bushels
Grass, Rye	3 bushels
Grass, Sudan, Broadcast	15 to 20 pounds
Grass, Sudan, in Rows	3 to 5 pounds
Grass, Mixed for Lawns	5 bushels
Millet, Hungarian	1 bushel
Millet, German	1 bushel
Millet, White Wonder	1 bushel
Millet, Japanese	15 pounds
Timothy	15 pounds

Table Showing Weight of Various Articles

Barley	per bushel, 48 lbs.
Beans	per bushel, 60 lbs.
Buckwheat	per bushel, 48 lbs.
Broom Corn	per bushel, 46 lbs.
Blue Grass	per bushel, 14 lbs.
Clover Seed	per bushel, 60 lbs.
Corn, Field, Shelled	per bushel, 56 lbs.
Corn, on the ear	per bushel, 70 lbs.
Hemp Seed	per bushel, 40 lbs.
Millet, Hungarian	per bushel, 48 lbs.
Millet, Japanese	per bushel, 32 lbs.
Millet, German	per bushel, 50 lbs.
Oats	per bushel, 32 lbs.
Onion Sets	per bushel, 32 lbs.
Orchard Grass	per bushel, 14 lbs.
Perennial Rye Grass	per bushel, 24 lbs.
Peas, Smooth	per bushel, 60 lbs.
Peas, Wrinkled	per bushel, 56 lbs.
Rape, Dwarf Essex	per bushel, 50 lbs.
Red Top Grass, Unhulled	per bushel, 10 lbs.
Red Top Grass, Recleaned	per bushel, 32 lbs.
Rye	per bushel, 56 lbs.
Spinach	per bushel, 40 lbs.
Timothy Seed	per bushel, 45 lbs.
Top Onions	per bushel, 28 lbs.
Turnip	per bushel, 55 lbs.
Vetches	per bushel, 60 lbs.
Wheat	per bushel, 60 lbs.

Number of Plants Required to the Acre

Distance Apart	No. of Plants
1 foot by 1 foot	43,560
1½ feet by 1½ feet	19,360
2 feet by 1 foot	21,780
2 feet by 2 feet	10,890
2½ feet by 2½ feet	6,969
3 feet by 2 feet	7,600
3 feet by 3 feet	4,840
4 feet by 4 feet	2,722
5 feet by 4 feet	2,178
5 feet by 5 feet	1,742
6 feet by 6 feet	1,210
8 feet by 8 feet	680

Number of Plants Produced from an Ounce of Seed

Asparagus	about 300
Broccoli	2,000
Cabbage	2,000
Cauliflower	2,000
Celery	3,000
Egg Plant	1,000
Endive	3,000
Kale	2,000
Leek	1,000
Lettuce	3,000
Pepper	2,000
Tomato	3,000
Sage	1,000
Thyme	5,000

Beans—String.....	45 to 65 days
Beans—Shell.....	65 to 75 days
Beet—Table.....	65 days
Beets—Stock.....	150 days
Cabbage—Early.....	105 days
Cabbage—Late.....	150 days
Cauliflower.....	110 days
Corn.....	70 to 120 days
Egg Plant.....	150 to 160 days
Lettuce—Heading.....	65 days
Melon—Water.....	120 to 140 days
Melon—Musk.....	120 to 140 days

Onion.....	135 to 150 days
Pepper.....	140 to 150 days
Radish.....	30 to 40 days
Squash—Summer.....	60 to 65 days
Squash—Winter.....	125 days
Tomato.....	125 to 150 days
Turnip.....	60 to 70 days
Spinach, average time.....	45 to 65 days

Beans.....	5 to 10 days
Beet.....	7 to 10 days
Cabbage.....	5 to 10 days
Carrot.....	12 to 18 days

Cauliflower	5 to	10 days
Corn	5 to	8 days
Cucumber	6 to	10 days
Endive	5 to	10 days
Lettuce	6 to	8 days
Onion	7 to	10 days
Peas	6 to	10 days
Parsnip	10 to	20 days
Parsley	15 to	21 days
Pepper	9 to	14 days
Radish	3 to	6 days
Spinach	7 to	12 days
Salsify	7 to	12 days
Tomato	6 to	12 days
Turnip	4 to	8 days

Asparagus.....	8 oz.	Cress.....	4 oz.	Onion (for sets).....	8 oz.
Beans, Bush.....	6 lb.	Cucumber.....	4 oz.	Parsley.....	2 oz.
Beans, Lima.....	3 lb.	Dandelion.....	3 oz.	Parsnip.....	2 oz.
Beans, Pole.....	3 lb.	Egg Plant.....	1 oz.	Peas.....	6 lb.
Beet.....	5 oz.	Endive.....	2 oz.	Pepper.....	1 oz.
Broccoli.....	3 oz.	Kohl Rabi.....	3 oz.	Pumpkin.....	2 oz.
Brussels Sprouts.....	3 oz.	Leek.....	3 oz.	Radish.....	6 oz.
Cabbage.....	2 oz.	Lettuce.....	2 oz.	Rhubarb.....	3 oz.
Carrot.....	3 oz.	Melon, Musk.....	2 oz.	Salsify.....	3 oz.
Cauliflower.....	3 oz.	Melon, Water.....	2 oz.	Spinach.....	6 oz.
Celery.....	3 oz.	Mustard.....	4 oz.	Squash.....	3 oz.
Collards.....	3 oz.	Okra.....	3 oz.	Tomato.....	1 oz.
Corn.....	1 lb.	Onion (for large bulbs).....	2 oz.	Turnip.....	3 oz.

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A PAGE OF OUR SPECIALTIES THAT HAVE EXCEPTIONAL MERIT

BEET, Nutting's Early Gem.—Of Crosby's Egyptian type. Short top, dark flesh, matures practically all at one time. Suitable for growing under sash or early outdoors. See page 9.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

BEET, Incomparable Second Early.—Flesh exceptionally dark, very uniform in shape, with a medium sized top, maturing a few days after Crosby's Egyptian. See page 8.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

CARROT, Rubicon Half Long.—An improved strain of Chantenay. Color rich orange, medium sized top and coreless. An ideal bunching carrot. See page 12.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

CAULIFLOWER, Simon's Early Perfection.—Early, maturing practically all at one time. Heads are large with close curd. Ideal for forcing under glass. Also excellent for a spring or fall crop outside. See page 12.

Pkt., 25c.; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50; $\frac{1}{4}$ lb., \$11.00; lb., \$40.00.

CELERY, Simon's Special Golden Plume.—The best of the Golden Self-Blanching type. Very robust, full hearted; stems are broad, thick, brittle and free from strings. Resists blight better than other strains of Golden Self-Blanching. See page 13.

Pkt., 25c.; oz., \$1.75; $\frac{1}{4}$ lb., \$5.50; lb., \$20.00.

CORN, Simon's Perfection Second Early.—Matures with Howling Mob, producing an ear almost as large as Evergreen, with deep wedge shaped kernels of excellent quality. See page 16.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

CUCUMBER, Kirby.—An exceptionally early, very dark green strain of the White Spine type. Holds its dark green color for a long time, which makes it an excellent shipper. Very prolific. See page 17.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$12.00; 100 lbs., \$115.00.

EGG PLANT, Simon's Special High Bush.—Same type as Florida High Bush, producing fruit of a rich dark purple color, and more round in shape. A decided improvement. See page 19.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

LETTUCE, Simon's Cabbage Head (Special Stock).—Big Boston type, but it does not scald in the heart and does not turn red from cold. Makes a firm head and is somewhat lighter in color. We recommend it for a spring or fall crop. See page 21.

Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00; 10 lbs., \$48.50.

PEA, Early Dwarf Giant.—The earliest, large podded, dwarf sweet pea. Four days earlier than Laxtonian, with larger pods. See page 27.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

PEPPER, Ruby King Improved.—A very uniform strain, producing fruit that average somewhat longer than the Regular Ruby King. See page 29.

Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

PEPPER, Simon's Worldbeater (Special Stock).—A specially selected strain, producing fruits that are very uniform in shape and slightly longer than the Regular Strain of Worldbeater. We believe this stock to be as good as can be had. See page 30.

Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

RADISH, Bright Red Forcing Globe.—Especially adapted for greenhouse forcing or growing under sash. Remarkably short top, perfect ball shape and of a bright scarlet color, with a fine tap root. See page 31.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

RADISH, White Hot House.—The best round, white radish for greenhouse forcing, or growing under sash. Top short, bulb round, slightly flattened, and clear, waxy white, with a slender tap root. See page 32.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

RUTA BAGA, Perfection Purple Top Globe.—Absolutely neckless, almost globe shaped; flesh deep yellow, fine grained and of excellent quality. See page 38.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$7.00.

TOMATO, Cooper's Special (Special Stock).—Resembles Livingston's Globe. Somewhat dwarfer in habit, producing purplish pink, deep globe shaped fruit in clusters. Not as subject to wilt and nail-head rust as Livingston's Globe. See page 35.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

TOMATO, Livingston's Globe (Special Stock).—A selected stock that runs exceptionally true to type. See page 36.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

TOMATO, Marglobe (Special Stock).—One of the best for main crop. Large, solid, meaty. Our Special Stock is practically all globe shaped and free from the undesirable flat varieties. See page 36.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

TOMATO, Simon's Best Second Early.—An excellent variety, maturing just after Earliana. Very prolific, exceptionally smooth. Larger than Bonny Best. Color bright scarlet. See page 36.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

PERFECTION QUALITY

Vegetable Seeds

SEEDS For OUR SPECIALTY CONSERVATIVE BUYERS

ARTICHOKE

German, **Artischoke**. Italian, **Articiocca**. Spanish, **Alcachofa**.
French, **Artichaut**.

Large Green Globe: Perennial.—Grown for its large flower heads, and cooked like asparagus. Matures the second year.
Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

ASPARAGUS

German, **Spargel**. Italian, **Sparagio**. Spanish, **Esparragos**.
French, **Asperge**.

Cultural Directions.—One ounce for 300 roots.

Asparagus Seed is sown in the spring. The earlier the better after frost is out of the ground and the soil in good workable condition, not sticky. Scatter the seed an inch apart in drills 2 to 3 feet apart and cover with about $\frac{3}{4}$ -inch of soil. After the plants are well up thin them to stand not less than 2 inches apart. Such seedlings, if kept cultivated, free from weeds and not allowed to suffer from lack of water, during summer and autumn will be fit to be planted out in permanent beds the succeeding spring and should commence bearing in 3 or 4 years from seed sowing.

Mary Washington.—This variety is the result of careful breeding by the U. S. Department of Agriculture, Washington, D. C., with the object of eliminating rust. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

Early Giant French Argenteuil.—A variety imported from France, which is claimed to resist rust better than some American sorts. It produces an abundance of heavy dark green shoots and is very early.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 10 lbs., \$6.00.

Palmetto.—A very early maturing and prolific variety, producing numerous deep green shoots of excellent quality. One of the most popular varieties.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 10 lbs., \$6.00.

Starkey's Mammoth Prolific.—Originated at Bustleton, Philadelphia, and is well known in the Philadelphia market. Produces heavy green shoots of fine quality and always brings the highest market price.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 10 lbs., \$6.00.

ASPARAGUS ROOTS

Cultural Directions.—A saving of one to two years is effected by planting roots. A bed 12 x 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family; 5000 roots will plant an acre. Select good loamy soil, plow deep, put in a good quantity of manure and 100 pounds kainit to 1000 square feet of bed. Mix thoroughly, make a trench eight inches deep, set plants nine inches apart. In field culture, rows are placed four feet apart.

Postage Extra, 15c. per 100.

We can supply strong two-year-old roots of the following varieties:

Mary Washington, per 100, \$1.75; per 1000, \$12.00.

Early Giant French Argenteuil, per 100, \$1.50; per 1000, \$10.00.

Palmetto, per 100, \$1.50; per 1000, \$10.00.

Starkey's Mammoth Prolific, per 100, \$1.50; per 1000, \$10.00.

BEANS

German, **Zwerg Bohnen**. Italian, **Fagiuoli**. Spanish, **Haba**.
French, **Haricoot**.

One pound of Beans equals one pint.

For postage on 5 lbs. and over, consult inside front cover.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

DWARF OR BUSH WAX PODDED VARIETIES

Cultural Directions.—Beans can be planted with safety any time from May 1st to August 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow in rows $2\frac{1}{2}$ or 3 feet apart; 2 lbs. will sow 100 feet of drill; 60 to 90 lbs. to the acre.

Brittle Wax, or Round Pod Kidney Wax.—The

best of the round podded sorts, maturing early, prolific and bearing long stringless, waxy, yellow pods of excellent quality. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Burpee's New Kidney Wax.—A more robust and prolific grower than Wardwell's. The flat, brittle, fleshy pods are of a rich lemon color, stringless, and of fine flavor. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

California Rust Proof Wax.—An extra early, extremely hardy variety, producing an abundance of handsome, long, yellow, flat pods. Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Cracker Jack, or Webber Wax.—Since offering this unrivalled wax bean, we have received the most flattering testimonials from growers in all parts of the country commending its superior merits. It combines every quality that a bean should possess—extreme earliness, productiveness, immunity to spot or blight and vigorousness of habit. The pods are flat, of a beautiful golden color, very fleshy and entirely stringless. **Cracker Jack** is the most suitable name we can use to do justice to this remarkable wax bean, as it has never failed to give the utmost satisfaction.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.



Cracker Jack, or Webber Wax



BEANS—Continued

DWARF OR BUSH— Wax Podded Varieties

For postage on 5 lbs. and over, consult inside front cover.

Currie's Rust-Proof Wax.—Hardy, early and prolific; long, flat, yellow pods.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Davis Kidney Wax.—A prolific early white-seeded variety, with long, white waxy pods.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Hodson Wax, or Golden Queen.—Matures ten days to two weeks later than the early varieties. Pods are long, flat and of a light yellow or creamy-white color. Very strong grower and prolific. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Pencil Pod Black Wax.—Extra early, round, stringless, waxy white pods of excellent quality and very prolific.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Pod Spot Proof Wax.—An excellent variety of recent introduction, extremely early, hardy and prolific. The pods which measure 7 inches in length are of a beautiful golden color, almost stringless and free from spot. An ideal variety for the market gardener. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Rust Proof Golden Wax.—A medium early flat podded productive variety of bushy upright vigorous growth. The pods are straight, of a lemon yellow color, brittle, fleshy and of excellent rust proof qualities.

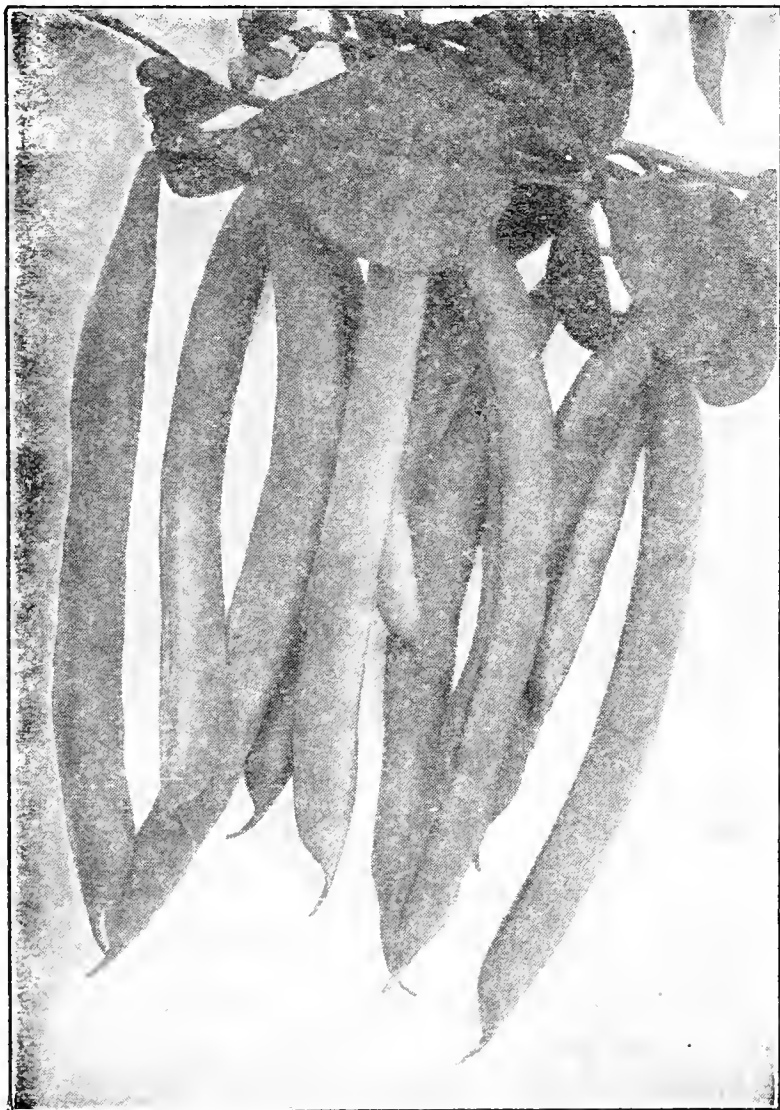
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Unrivalled Wax.—An immensely productive, first early, showy sort. Pods 5 to 5½ inches long, rather narrow, either perfectly straight or slightly curved, somewhat flattened but fleshy. The pods show their clear yellow color at an early stage and while having a trace of string are quite fiberless. Plant large, vigorous and nearly disease resistant.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Wardwell's Kidney Wax.—One of the most popular flat podded wax beans. The long beautiful waxy pods are attractive, and brittle, measuring 6 inches in length, early and prolific.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.



Simon's Stringless Round Pod

Sure Crop Wax.—A recent introduction similar to Curries Rust Proof. It matures a few days later; pods are longer, thicker through and entirely stringless. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

DWARF OR BUSH—

Green Podded Varieties

For postage on 5 lbs. and over, consult inside front cover.

Black Valentine.—Very popular on account of its extreme hardness and earliness. The pods are long, smooth, straight, round, of a bright green color, and of remarkable blight resisting qualities.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

Bountiful.—An extra early flat-podded sort; stringless and of fine quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Burpee's Stringless Green Pod.—An extra early, round-podded prolific sort, bearing abundantly, long bright green stringless pods of excellent quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Dwarf Horticultural.—(Also called Italian Bean). Large green pods, splashed with carmine. Excellent either as snaps in the green state, shelled green or dry. They become fit for use as green shelled beans very early, and in this condition the beans are very large, easily shelled and about equal to the lima in quality.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Extra Early Red Valentine.—One of the most popular green-podded sorts. The pods are only medium length, but are very prolific. Our stock is the true round podded.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Fava.—Grown extensively by the Italian Market Gardeners for an early shell bean. Thick leathery pods. Can be planted in the vicinity of Philadelphia April 1st.

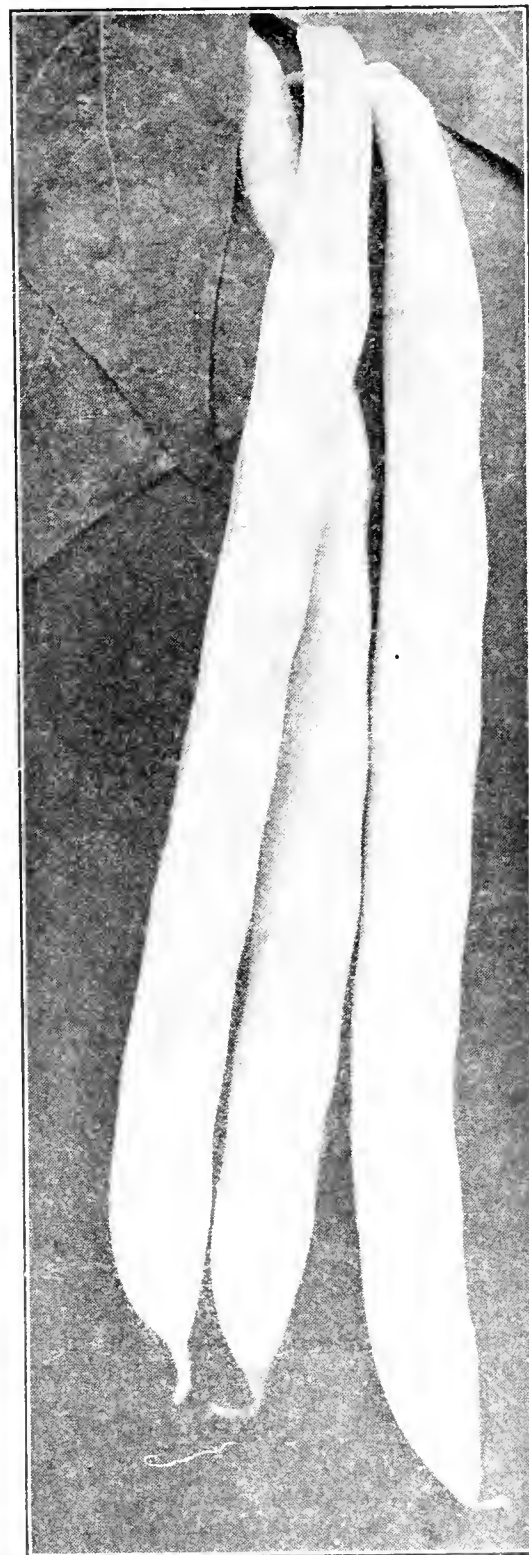
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Fordhook Favorite.—This new variety resembles Burpee's Stringless Green Pod in every respect, with the exception that the seeds are white. The seed resembles a White Marrow, and if green beans are not selling at a paying price, they can be allowed to dry and be sold for winter shell beans.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Full Measure.—One of the best second early round podded sorts of recent introduction. The pods are long, of a bright green color, entirely stringless, and slightly irregular in shape. Very prolific and of excellent quality.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.



Pod Spot Proof Wax



BEANS—Continued



DWARF OR BUSH—

Green Podded Varieties

For Postage on 5 lbs. and over, consult inside front cover.

French Horticultural.—Ten days later than Dwarf Horticultural; pods are longer and more highly colored.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

French Stringless.—Early and prolific. Pods extra long, round, straight and smooth, of a beautiful green color, and stringless while young. One of the best sorts for main crop.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Giant Stringless Green Pod.—A very productive, long, round-podded sort, maturing a little later than Burpee's Stringless.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Keeney's Stringless Refugee.—Precisely the same as Refugee Thousand-to-One, except that it is absolutely stringless. This is a valuable acquisition for canners or those who want a bean of this class without strings.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

King of the Earlies.—The earliest of the green-podded sorts. The pods are round, long and smooth; of a bright green color; very hardy and productive.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

Late Refugee, or Thousand-to-One.—This variety is usually sown for a fall crop, maturing two weeks later than Early Refugee. The pods are round, of medium size, light green in color, and protected from light frosts by its dense foliage; very prolific.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

Longfellow.—Long, round, straight pods; extra early; prolific and of delicious flavor.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Lowe's Champion, or Dwarf Red Cranberry.—A fine shell or string bean; a favorite with Boston market gardeners. It is very prolific and a vigorous grower, the pods hanging well off the ground.

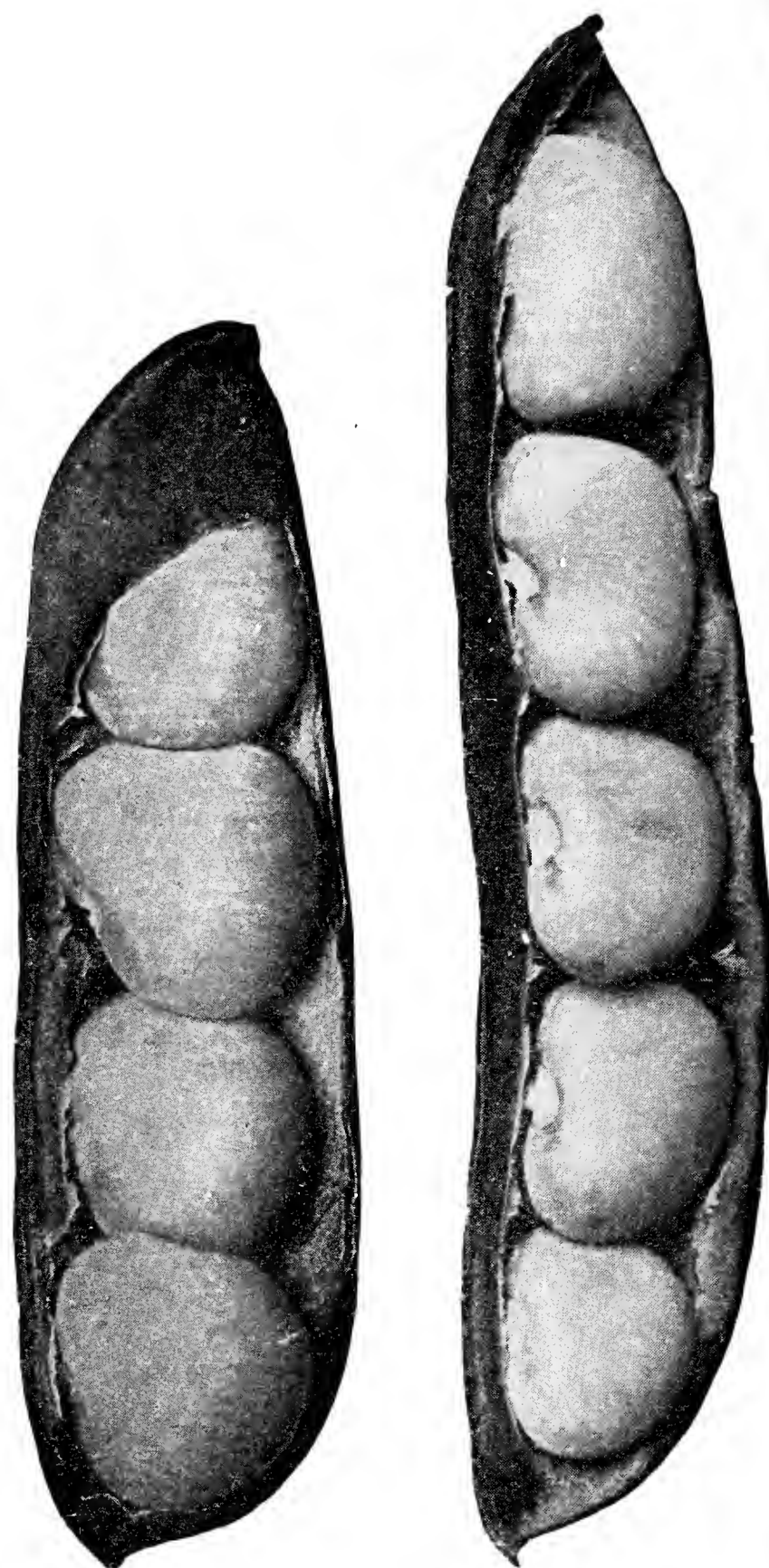
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Simon's Stringless Round Pod.—A new second early variety, producing an abundance of long, stringless, round pods of excellent quality. No matter how old, there is no sign of a string. We recommend it for second or late planting.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Tennessee Green Pod.—A hardy, vigorous mid-season variety, and popular in the South. The pods are flat, somewhat irregular in shape, almost stringless, extremely large, measuring 6 to 7 inches in length, of a dark green color, and exceptional quality. Very productive.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.



*Wonderful
Bush Lima
Natural Size*

*Early Giant
Podded Bush Lima
Natural Size*

LIMA BEANS—Dwarf or Bush

Cultural Directions.—Dwarf, or Bush Limas, should be planted in rows three feet apart, dropping two or three beans fifteen inches apart in the row. Cover about an inch deep. Dwarf Limas require no support. One pound will plant 100 feet.

For postage on 5 lbs. and over, consult inside front cover.

Burpee's Bush Lima.—Well-known, popular variety, producing numerous pods of large beans.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Burpee's Improved Bush Lima.—Larger pod and a few days earlier than Burpee's Bush Lima; beans thicker and of good quality.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Dreer's New Wonder Bush Lima.—This bean while similar in growth and vigor to the regular strain of Dreer's Bush, is flat in shape, a little larger than the ordinary strain, much earlier, and of excellent quality.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Early Giant-Podded Bush Lima.—The largest and earliest Bush Lima. Pods contain four to five large beans, set close together in the pods. Two weeks earlier than Fordhook. It is very prolific and of excellent quality.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice



BEANS—Continued



LIMA BEANS—Dwarf or Bush

For postage on 5 lbs. and over, consult inside front cover.

Fordhook Bush Lima.—An improved Dreer's Bush Lima. Both pods and beans are larger and the bushes are more erect. The beans are thick through, of good size, and are close together in the pod. Very prolific.

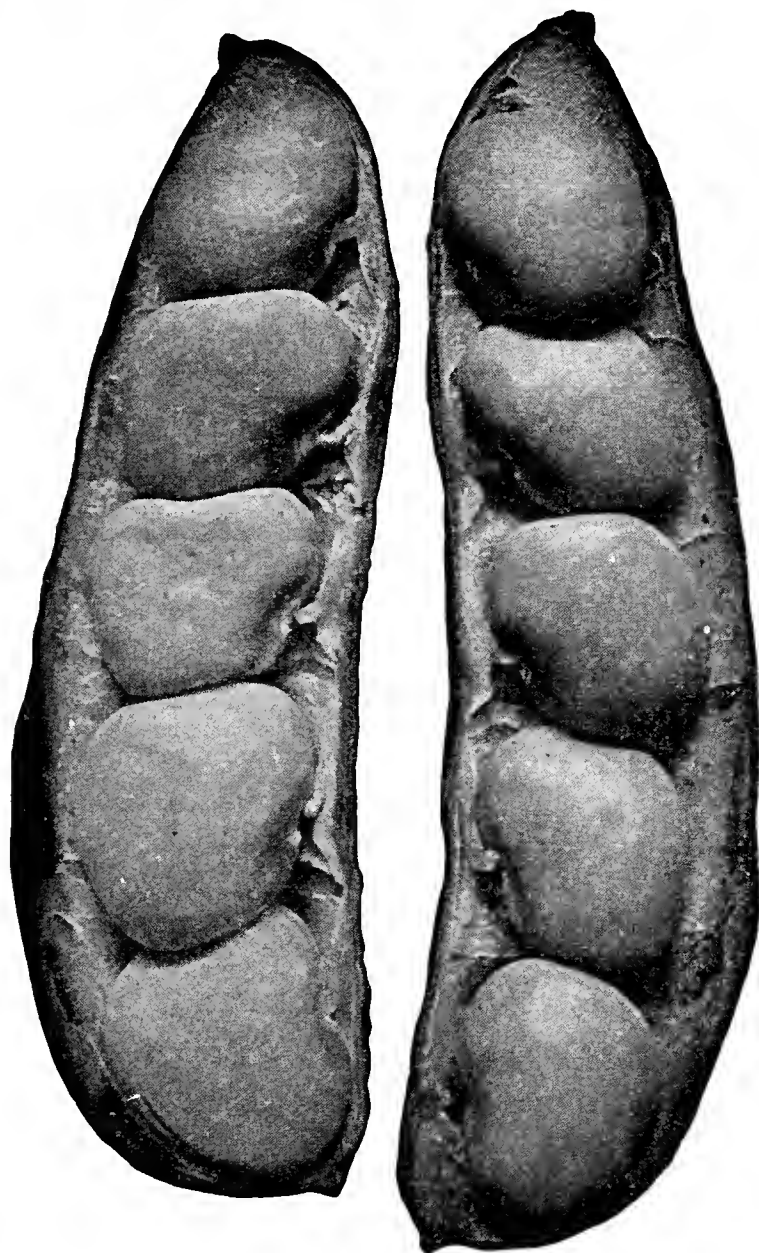
Pkt., 10c.; lb., 40c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Henderson's Improved Bush Lima.—An extra early, exceedingly prolific lima of true bush form. Both pods and beans are quite small, but of excellent quality.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Wonderful Bush Lima.—A selected strain of Fordhook Bush, producing broader and larger pods with larger beans. Pods average four large beans set one against the other, and are borne well up off the ground, thus preventing rotting during wet weather. The beans when shelled are green. Early and very prolific, and we pronounce it one of the best Bush Limas.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.70; 100 lbs., \$24.00.



Walter's Prolific Thick Pole Lima, Natural Size

LIMA BEANS—Pole Varieties

German, **Stangenbohnen.**

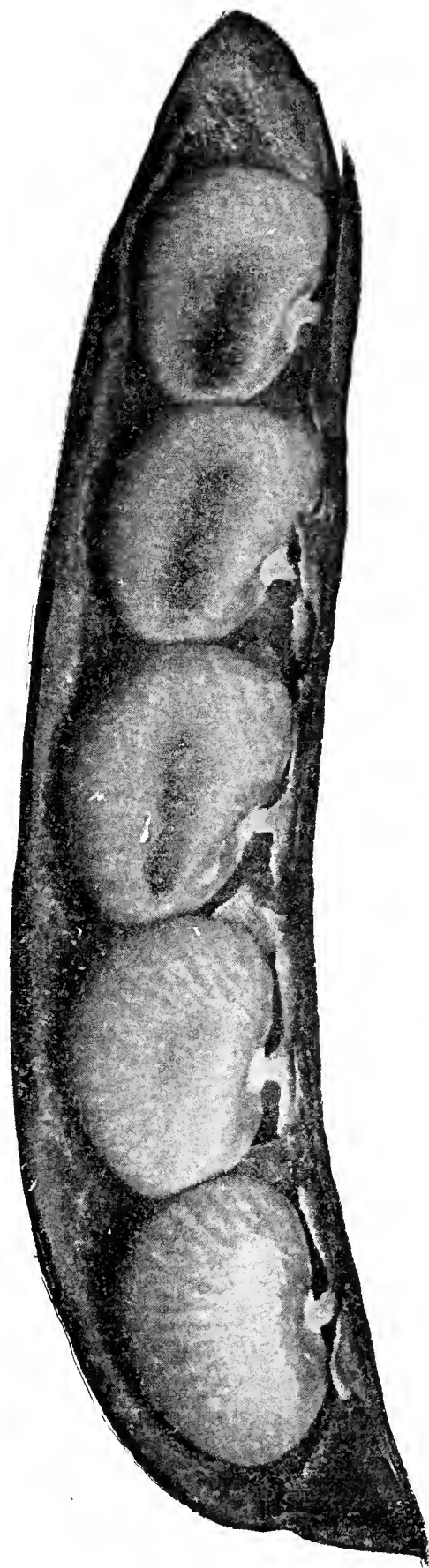
Italian, **Fagiuoli de Lima.**

French, **Haricot a rames.**

Spanish, **Judia.**

Cultural Directions.—These are much stronger growers than Bush Beans and require good, strong stakes. They give a much greater yield than bush beans, but being more tender should never be planted before May in this section. Use poles about 8 to 9 feet long and set firmly four feet apart each way. Plant four beans in a hill, one and one-half to two inches deep. When well started, thin to three plants in a hill. One pound will plant 75 hills.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.



Chris. Simon's Large-Podded Pole Lima, Natural Size

Carpinterla Green Seeded.—The vine is very strong and vigorous, with many large branches or runners and produces a great many pods, which are closely filled with very large, broad-seeded, plump, thick, green, perfect beans.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Challenger, or Dreer's Improved.—Also known as Potato Lima. Vine very stout, vigorous and productive. The pods are much thicker than those of other Limas, with an average of four thick beans set one against the other in the pod so closely that the ends of the beans are indented. It is early, continues to produce large clusters until frost. It will shell out more than the flat-podded sorts.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Chris. Simon's Large Podded Green.—Originated with Mr. Christopher Simon, a well-known Philadelphia Market Gardener, whose name it bears.

The pods are borne in great profusion, and contain five large, rather thick beans set close together in the pod.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Early Leviathan.—A week earlier than any of the large-podded sorts. Pods borne in large clusters and contain four to five good-sized green beans. Very productive.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Ideal.—Produces a tremendous crop of pods averaging seven inches long, filled with five to six extra large beans of excellent quality. Season medium late.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

King of the Garden.—Vines vigorous and productive. The pods are long and contain four to five immense white beans of excellent quality. Medium early.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Seibert's Large Early.—Extra early and very productive. Pods are thin and contain four large green beans of the finest quality. Continues to bear until frost.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Walter's Prolific Thick.—An improvement on Challenger. Both pods and beans are larger, and it is more prolific. The shelled beans are deeper green. Decidedly the best of the thick, chunky or Potato Limas. Pkt., 10c.; lb., 45c.; 10 lbs., \$2.90; 100 lbs., \$26.00.

BEANS—Continued



Various Pole Varieties

Culture same as for Pole Limas.

For postage on 5 lbs. and over, consult inside front cover.

Burger's Green Pod Stringless, or White-Seeded Kentucky Wonder.—A new pole variety of great merit. Bears long, green, brittle, stringless pods of excellent flavor. It rivals any of the other pole beans and is destined to become the most popular of all.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Early Golden Cluster Wax.—One of the best wax-podded pole beans. Pods six to eight inches long, broad, thick, fleshy and of the very best quality. They remain in condition for use for a long time.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Horticultural, or Speckled Cranberry.—Pods short, broad, pale green, becoming streaked with bright red as they mature. Good quality; either green or dried.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Lazy Wife.—One of the later green-podded pole beans for snaps. The pods, borne in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. The dry beans are excellent for winter use. Seed white.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Kentucky Wonder, or Old Homestead.—An early and prolific sort, producing green pods seven or eight inches long; an excellent snap bean.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Kentucky Wonder Wax.—An excellent variety and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Scarlet Runner.—Produces scarlet flowers, followed by large-podded beans which are used both as a snap and shelled bean.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Bush Varieties for Winter Shell Beans

Culture same as for Dwarf Snap Beans.

For postage on 5 lbs. and over, consult inside front cover.

Dwarf White Kidney.—Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Marrow Pea, or White Navy.—Early and very prolific. Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Large White Marrow.—Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Red Kidney.—Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

BEET

German, **Salat-Reuben.**

French, **Betterave.**

Italian, **Barbabetola.**

Spanish, **Bettaraga.**

Cultural Directions.—The best results are obtained on a deep, rich, sandy, well-worked soil. Smooth beets cannot be grown if fresh manure is used. If wanted very early, sow in hotbeds and transplant, cutting off outer leaves. For early outdoor crop, sow about one inch deep in rows one foot apart as early as the ground can be worked. When plants are large enough, thin out to three inches apart in rows. One ounce will sow 50 feet of drill, six to eight pounds for an acre.

Crimson Globe.—A second early variety, almost globe-shaped and of a deep crimson color. The flesh is tender and of fine quality. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Crosby's Egyptian.—One of the most popular early varieties. Of flattened globe-shape, good size, medium dark color, and matures very quickly. Tops medium. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Crosby's Egyptian (Special Stock).—This special selection is a decided improvement over the regular strain of Crosby's Egyptian. In producing this strain, selection is made not only for uniform shape, but also for dark color and extreme earliness. It is much darker than the regular Crosby's Egyptian and matures more evenly. We know of instances where the crop has been cleaned off the ground in two pullings. It is one of the best all-year-round varieties and is especially desirable for growing under sash.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.



Nutting's Early Gem

Detroit Dark Red.—One of the most popular second early or main crop varieties. Roots round, smooth, dark, blood red and of fine quality. Our stock of this important variety is unexcelled. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Early Eclipse.—Very early, root nearly globular, flesh bright red, zoned with white. Medium-sized top. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Early Model.—One of the best medium early varieties. The roots are of good size, very smooth, slightly oval with slender tap root. Color deep crimson. It is a fine-grained and tender variety. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Early Wonder.—Very early, short top, small tap root. Flesh and skin dark. An excellent variety. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Edmand's Early.—A good main crop, dark, red, turnip-shaped variety with a strong top, which makes it especially valuable for trenching. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Extra Early Egyptian.—Very early, root flattened and dark blood red, with a small top and tap root, which makes it suitable for growing under glass. It is of good quality when young, but gets woody quickly. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Incomparable Second Early.—The best second early or main crop beet. Root smooth, globe-shaped, remaining crisp, sweet and tender for a long time. The skin is of a dark red color, with flesh still darker. Top medium-sized. If sown with Crosby's Egyptian, it will mature a few days later. We are confident it will please any Market Gardener who wants a blood-red beet. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Lentz's Extra Early.—An extra early, light-colored, turnip-shaped beet, originating in Philadelphia. The flesh is light red, zoned with white, and matures rapidly. The top is light green and small, which makes it suitable for growing under sash. It is especially rich in sugar and remains tender longer than any other variety. Our stock is pure and gives excellent satisfaction. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Long Dark Blood.—A standard late variety, keeping well through the winter. The root is long and skin smooth. Flesh very dark red, sweet and tender. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

BEET—Continued

Nutting's Early Gem.—The finest early beet, either for growing under sash or outside. It is perfectly smooth, dark color, as early as any, and will mature nearly all at one time. An excellent all-season beet.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Philadelphia, or Perfection Half Long.—A distinct variety used principally as a winter beet to sell by the bushel. The root is twice as long as thick, flesh rich dark red and of excellent quality which it retains throughout the winter, never becoming woody. Seed should be sown July 1st to 15th for a winter crop, as it is a rather slow grower.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

SWISS CHARD OR SPINACH BEET

German, **Beisshohl.**
French, **Polree.**

Spanish, **Bleda.**
Italian, **Bleta.**

Cultural Directions.—Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

One ounce will sow 60 feet of drill.

Large Ribbed Dark Green Leaved.—Large, smooth dark green leaves with silvery white stems, which are tender and of fine flavor.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Lucullus.—A new variety with curled leaves like a Savoy Cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

TESTIMONIAL

Hicksville, L. I., N. Y.—We are bunching your Nutting's Early Gem Beet today. They are all that any one could wish and are as good as will go in any market.

SAMUEL G. BURKE.

MANGEL WURZEL AND SUGAR BEETS

Cultural Directions.—Plant in the spring in drills two to two and one-half feet apart, covering with one and one-half inches of soil firmly pressed down. Cultivate frequently. When about three inches high, thin out until the plants stand about ten inches apart. Sow six pounds to an acre.

Giant Half Sugar.—The best for feeding stock, as it contains more nutritive value. Grows half out of the ground. Color of skin, pink above the ground, white below.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Giant Red Eckendorf.—This variety is a heavy cropper, growing almost on top of the ground. For shallow soils, this is hard to beat. It is broad with rounding top, flat bottom, red in color, fine flavor and greatly relished by all kinds of stock.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Giant Yellow Eckendorf.—Similar to the preceding variety except in color.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Golden Tankard.—Root large, flesh yellow, zoned with white.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Klein Wanzleben.—Immensely productive. One of the most desirable of the sugar beets.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.; 10 lbs., \$5.00.

Mammoth Long Red.—A mammoth growing variety, which gives great bulk; skin red.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Sludstrup.—This variety is more extensively grown in Holland by dairymen than any other. Its uniform growth of large, well-shaped beets rich in saccharine, its record for producing rich milk and sweet butter, has made it the popular beet of that country.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

Vilmorin's Improved Sugar.—The richest in sugar content; very productive.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.; 10 lbs., \$5.00.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

BROCCOLI

German, **Spargelkohl.**

French, **Chou Broccoli.**

Italian, **Broccoli.**

Spanish, **Brocoll.**

One ounce of seed will produce 2000 plants.

Cultural Directions.—Broccoli is similar to, and culture the same as Cauliflower. It is well adapted to those sections where the season is long, cool and rather moist. It withstands greater extremes of temperature than Cauliflower.

Italian Green Heading or Sprouting.—A distinct variety forming good sized green heads. After these are cut a number of sprouts develop at the axis of leaves forming smaller heads.

This variety is sought after by the Italian trade. Sow in frames for spring crop; June and July for fall crop.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Large White French.—Large, white, compact heads which remain firm for a long time.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Rapa.—Produces numerous small green heads which are cut and bunched the same as sprouting Broccoli. Very early.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

BRUSSELS SPROUTS

German, **Rosenkohl.**

French, **Chou de Bruxelles.**

Italian, **Cavolo di Brusselles.**

Spanish, **Berza de Brusels.**

One ounce of seed will produce 2000 plants.

Cultural Directions.—The culture is the same as Cabbage, which plant it resembles, the edible part being the numerous small heads or sprouts formed on the stalk at each leaf joint. Leaves should be broken down in the fall to give the little heads more room to grow. They are considered more tender and delicious than Cabbage. Sow seed about May 15th.

Long Island Improved.—The best variety, producing numerous good-sized compact sprouts.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Paris Market.—A half-dwarf strain, producing fine hard sprouts.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CABBAGE

German, **Kohl.**

French, **Chou.**

Italian, **Cavolo Cappuccio.**

Spanish, **Berza.**

One ounce will produce 2000 plants; half-pound required to transplant an acre.

Cultural Directions.—The early varieties of Cabbage in our Northern States must either be sown in hotbeds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Cover the seed $\frac{1}{2}$ -inch deep. The plants are set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in July. For second early the early kinds should be sown first week in April and planted out in May. This crop matures in August and September. Late Cabbage for fall and winter use sow from May to June. The plants are set in July, at distances of $2\frac{1}{2}$ feet between the rows and $2\frac{1}{2}$ feet between the plants. This crop matures in October and November.

Yellows Resistant Varieties

All Head Select.—Resistant **All Head Early.**

Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Globe.—Resistant **Enkhuizen Glory.**

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

Marion Market.—Resistant **Copenhagen Market.**

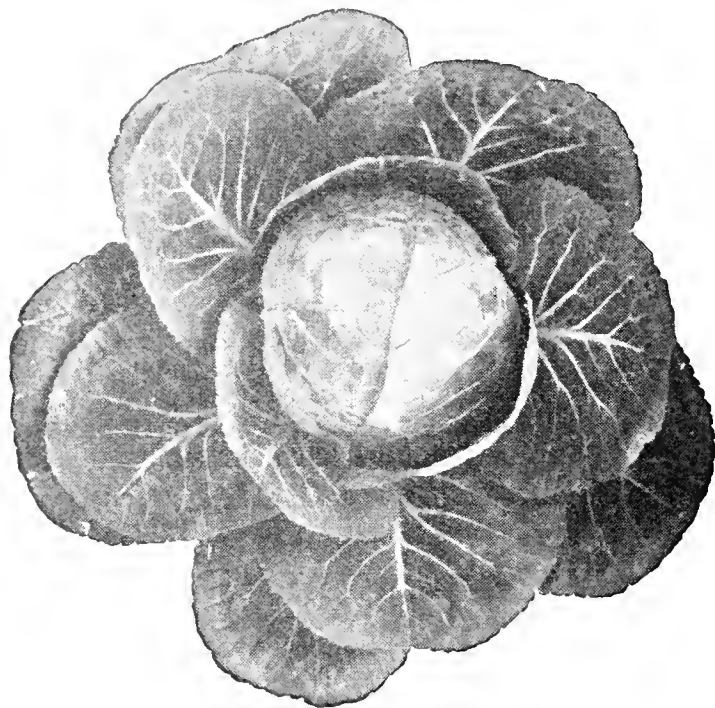
Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

Wisconsin Hollander No. 8.—Resistant **Danish Ball Head.**

Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

CABBAGE

First Early Varieties



Golden Acre

Charleston, or Large Wakefield.—From five days to a week later than Early Jersey Wakefield. Heads are larger, fully as solid, a little less pointed. An excellent variety to closely follow Early Jersey. Our seed is Long Island grown, and will give excellent satisfaction. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 10 lbs., \$26.00.

Copenhagen Market.—The earliest large round-headed cabbage offered today. It is as early as Early Jersey Wakefield, heads perfectly round and very solid. It is very compact in habit, and can be planted as close as Wakefield. The heads all mature at one time, and will stand a long time before bursting. Heads average about eight pounds each.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

Early Jersey Wakefield (Large Strain).—The most popular pointed head cabbage. Medium size, compact, solid and of excellent quality. The thick, stout leaves and compact habit of this variety makes it the best sort for very early setting. Our stock is strictly Long Island grown, and there is absolutely none better. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 10 lbs., \$26.00.

Extra Early Jersey Wakefield (Small Strain).—A few days earlier, somewhat smaller and more pointed than the large strain. The type is very uniform and it matures practically all at one time. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Golden Acre.—This is an extra early strain of Copenhagen Market maturing about ten days earlier. It will mature heads in eighty days from time of sowing, measuring nine inches in diameter, with a uniform weight of five pounds. Height of stalk is two inches and entire plant consists of thirteen leaves which allows close planting. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 10 lbs., \$42.50.

Second Early or Summer Varieties

All Head Early.—Heads large and solid, flat, slightly rounded and of very compact growth, which makes it nearly all head. The quality is excellent, and it will remain in good condition longer than most varieties.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Early Dwarf Flat Dutch (Stein's).—An excellent large early flat variety, producing solid heads that mature with Early Summer. The stem is short and it has comparatively few outer leaves. Much earlier than Late Flat Dutch.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Early Winnigstadt.—A popular sort for the garden, as it remains in good condition for a long time. Heads pointed, medium size, hard and of a dark green color.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Enkhuizen Glory.—Excellent medium early, short stemmed, foreign variety; heads large, round and very solid, with few outer leaves. One of the most uniform and desirable varieties, suitable alike for garden or field culture.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Perfection Second Early.—A sure-heading, hardy, large, solid, long-keeping sort, similar to Succession, but deeper through. It will stand the hot sun and dry weather better than most varieties. One of the best second earlies.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

Succession.—A popular second early sort, producing large, solid flat heads, which remain in good condition for a long time.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Autumn and Winter Varieties

Autumn King, or Worldbeater.—A very large late sort, heads flat, slightly rounded. It requires very rich soil to make it head hard. Leaves dark, bluish-green, ruffled at the edge.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Danish Ball Head (Penn State).—Penn State Ball Head was developed by Dr. C. E. Myers of Pennsylvania State College and is one of the very best strains of the Ballhead type. It has a record of over twenty tons per acre, for several years, alongside of other strains that only showed 8 to 10 tons per acre.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 10 lbs., \$37.50.

Danish Roundhead (Short Stem).—Superior to Danish Winter Ball Head. The heads are larger, grow closer to the ground and have a shorter stem. It is from ten to fifteen days earlier.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

Fottler's Brunswick (Short Stem).—A popular short-stemmed second early or late sort, of dwarf compact habit and vigorous growth. The heads are large, flat and solid, with few outer leaves and has exceptional long-standing qualities.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Florida Header.—One of the best late varieties. Heads large, flat, compact, solid and of fine quality. It has a short stalk and keeps well both under the sun and during the winter.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Houser.—A large very solid heading, late sort, quite thick through.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Premium Late Drumhead or Surehead.—A compact growing general crop sort, with medium-sized, thick heads and many outer leaves.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

Premium Late Flat Dutch.—One of the most popular late sorts where a large head is desired. Heads are large, oval shaped, solid, of splendid quality and will keep a long time in good condition.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

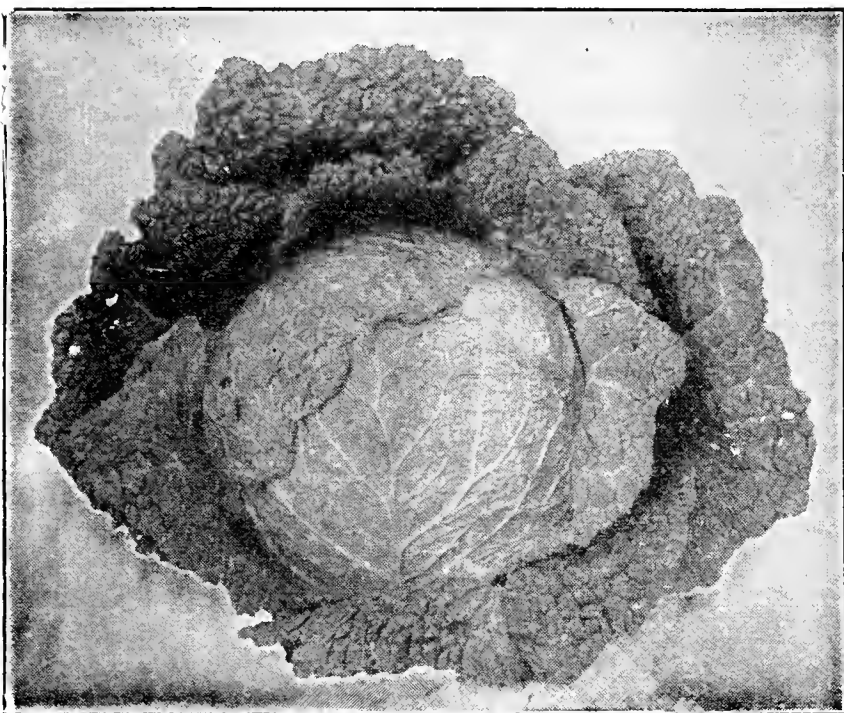
Volga, or Russian.—A new medium-shaped sort, with round solid heads, which are deep through. It is extremely hardy.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.



Perfection Second Early

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

CABBAGE—Continued**Red and Savoy Varieties***Perfection Hard Heading Savoy*

American Drumhead Savoy.—Large, flattish heads, well curled and hard. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Early Round Dark Red.—A new medium-sized early variety, producing very solid heads of exceedingly dark red color, with very few outer leaves. The best early red cabbage. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

Mammoth Red Rock.—Large, round, solid heads, slightly flattened. Plants large, with numerous spreading leaves. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 10 lbs., \$26.00.

Perfection Hard Heading Savoy.—The best large Savoy. Heads large, solid, almost round; leaves densely crumpled. It is surer to head than many other sorts, and is the best for main crop. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 10 lbs., \$32.50.

Simon's Wonderful Dark Red.—The best large dark red cabbage. Heads are round, large, very solid and of a dark red color, which is very desirable. The best for main crop. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

CHINESE CABBAGE

Cultural Directions.—This exceptionally fine vegetable is a native of China, and possesses striking characteristics which place it in a class by itself.

Grows like Cos-lettuce and when its outer leaves are stripped off shows a picture of Lettuce and Celery combined.

Shredded, it makes the finest slaw, and stripped of its mid-ribs, which are eaten as celery, it makes a fine salad.

It possesses a very mild flavor.

Sow the seed like regular Cabbage. If for early planting sow in hot beds in February; if for later planting sow early in July.

This plant matures 12 to 15 weeks from time of sowing seed, and will not stand frost.

Paoting, or Wong Bok.—Big, compact, tender and crisp, an excellent Pe-Tsai. We have found this to be absolutely the best firm-heading variety to grow during the summer months. It will not scald or burn and will make a head when others fail. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Chihli.—Earliest and most sure heading of the Chinese varieties. Plant of upright growth, producing long, solid, white cylindrical heads, two feet in length. Leaves very broad, smooth, fringed on edge, with broad, white mid-rib; superior quality. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Kinshiu.—This is one of the most popular grown; known for its quality and compact leaves, which are tightly held together. The leaves have some wrinkles and grow more like head cabbage. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

CARROT

German, **Gelbe Rueben.**
French, **Carotte.**

Italian, **Carota.**
Spanish, **Zanahoria.**

Cultural Directions.—1 oz. for 100 feet of drill, 4 pounds for an acre.

The carrot, like other root crops, delights in a rich, sandy loam, well tilled. For early crops, sow in spring, as soon as the ground is in good working order, say April or May; for late crops they may be sown any time from the middle of June to July. Sow one-half inch deep in rows 12 inches apart, thinning out to three inches between the plants. As Carrot seed is slow to germinate, extra precautions must be taken to firm the seed in the soil.

Chantenay, or Model.—One of the most popular carrots. Half long, stump rooted, smooth and good color. Medium-size top and medium early. Grown principally for bunching, but can also be used for a bushel carrot.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Danvers Half Long.—Half long, smooth and good color. It grows longer than Rubicon and does not make so quickly. Generally grown for late or main crop. It makes an excellent barrel carrot to sell through the winter.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Danvers (Hutchinson Strain).—This strain originated in Massachusetts and is the largest carrot grown. In good soil will attain a length of 15 inches and tapers only slightly from top to bottom, ending in abrupt stump root.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Danvers Special Half Long.—A selected strain of Danvers, producing very uniform roots of an exceptionally deep orange color. It is nearly the same thickness from top to bottom and on account of this bushels up rapidly. The illustration we show is from a photograph.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Early French Forcing.—One of the popular Market Gardener's varieties, being a little longer and broader than Scarlet Horn. A good forcer.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

Early Short Top Forcing.—The best for first outdoor crop. Ideal for growing under glass, as the tops are small, and it develops its deep orange color when quite young. It is a half-long, stump-rooted variety and matures very early. Not recommended for summer, as it will not hold its top.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Early Scarlet Horn.—One of the earliest varieties and best for forcing. The roots are orange red in color, about 3 inches long, blunt pointed, very fine grained and of sweet flavor. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Guerande, or Ox-Heart.—A short, chunky, early variety, as thick through as it is long. Especially adapted for hard, stiff soil where longer varieties would not thrive.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Half Long Nantes.—A handsome stump rooted variety of a bright orange color, smooth skin, small top and free from stringiness. Excellent for bunching.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

BOOKS FOR THE VEGETABLE GROWER

Vegetable Gardening—By R. L. Watts.—New Revised Edition. A complete, concise and authentic book. It covers every phase of vegetable gardening and is invaluable as a handbook for practical growers. Postage extra. \$2.50.

Starting Early Vegetable and Flower Plants Under Glass—By C. H. Nissley.—Including the details of construction and heating as well as the operation of small greenhouses—sash houses—hot beds and cold frames, etc., etc. Suitable alike for the amateur as well as commercial grower. Postage extra. \$3.00.

*Danver's Special Half Long*

CARROT—Continued



Rubicon Half Long

Half Long Scarlet Pointed.—A quick growing half-long pointed sort, with medium-sized top. Makes a nice bunch carrot where a pointed-rooted variety is wanted.

Pkt., 10c.; oz., 15c.;
¼ lb., 35c.; lb.,
90c.; 10 lbs.,
\$8.00.

Improved Long Orange.—Large long pointed variety of a deep orange color. Requires deep soil and the whole season for it to mature. Excellent bushel sort if a large carrot is desired.

Pkt., 10c.; oz., 15c.;
¼ lb., 35c.; lb.,
90c.; 10 lbs.,
\$8.00.

New York Market.—Half long, stump rooted, medium early, with medium-sized top. Color deep orange. Grown principally for a bunch carrot.

Pkt., 10c.; oz., 15c.;
¼ lb., 35c.; lb.,
\$1.00; 10 lbs.,
\$9.00.

Rubicon Half Long.—An excellent early stump rooted variety of a deep rich orange color, medium sized tops and small neck. The roots are uniformly thick at the shoulder, attaining about 3 inches in diameter, and 5 to 6 inches in length. The flesh is fine grained, crisp, tender and free from core. An ideal bunching carrot and very productive.

Pkt., 10c.; oz., 15c.;
¼ lb., 40c.; lb.,
\$1.25; 10 lbs.,
\$11.50.

St. Valery.—A handsome productive variety with reddish orange flesh, attaining about 12 inches in length and tapering to a point. The flesh is tender, sweet and free from hard core. As a main crop variety for the table or the field, it will be found equally satisfactory.

Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

CARROTS FOR STOCK FEEDING

Improved Short White.—The best stock carrot. Roots half long, very heavy at the shoulder, tapering regularly to the point. Light green crown, white below, flesh white.

Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

Large White Belgian.—The roots attain 12 to 15 inches in length, and grow about one-third above the surface. Easily harvested. Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

Mammoth Yellow.—A very large yellow sort with the same characteristics as the White Belgian and equally productive.

Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

CAULIFLOWER

German, **Blumenkohl.**

French, **Choufleur.**

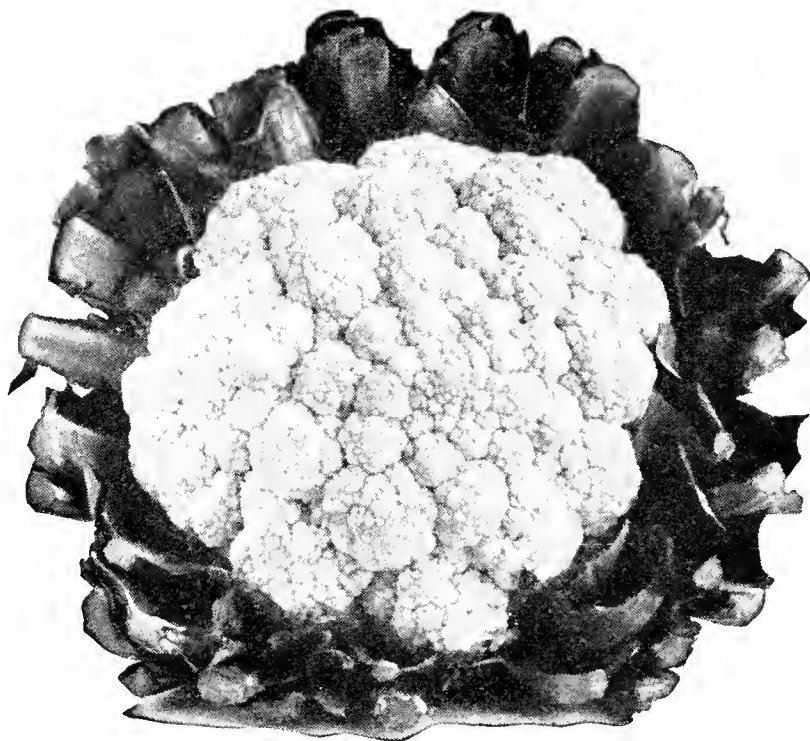
Italian, **Cavolfiore.**

Spanish, **Coliflor.**

Cultural Directions.—Cauliflower requires the same treatment and cultivation as cabbage and can be grown both early and late. Not so hardy as cabbage in resistance to either hot, dry or cold weather. They should have an abundance of water in the summer and protection during cold weather.

For early crop sow in hotbed in January or February and transplant when freezing weather is past. For late crop, sow in May or June and treat exactly like late cabbage. Set out the plants 15 to 18 inches apart in 3-foot rows.

One ounce of seed will produce 2000 plants.



Simon's Early Perfection

Early Snowball.—One of the most popular sorts for growing outside. Heads good size and compact. Our strain of this important variety is unsurpassed.

Pkt., 15c.; ¼ oz., 65c.; oz., \$2.00; ¼ lb., \$6.50; lb., \$25.00.

Extra Early Dwarf Erfurt.—Excellent variety, either for forcing or an early outdoor crop. Heads large and compact.

Pkt., 10c.; ¼ oz., 60c.; oz., \$1.75; ¼ lb., \$5.25; lb., \$24.00.

Simon's Dry Weather.—A very large second early variety, producing immense compact heads, with remarkable heat-resisting qualities. Does well when grown for a fall crop.

Pkt., 15c.; ¼ oz., 75c.; oz., \$2.00; ¼ lb., \$6.50; lb., \$25.00.

Simon's Early Perfection.—Our new strain of this most popular variety surpasses all others in earliness and uniformity of maturity. Ten days earlier than Erfurt or Snowball, heads equally as large, and matures nearly all at one time. Ideal for forcing under glass and equally desirable for spring or fall crop outside. Unsurpassed for either private grower or critical market gardener.

Pkt., 25c.; ¼ oz., \$1.00; oz., \$3.50; ¼ lb., \$11.00; lb., \$40.00.

Gilt Edge.—An excellent early or late variety.

Pkt., 15c.; ¼ oz., 75c.; oz., \$2.50; ¼ lb., \$8.00; lb., \$30.00.

Veltch's Autumn Giant.—A very large late sort.

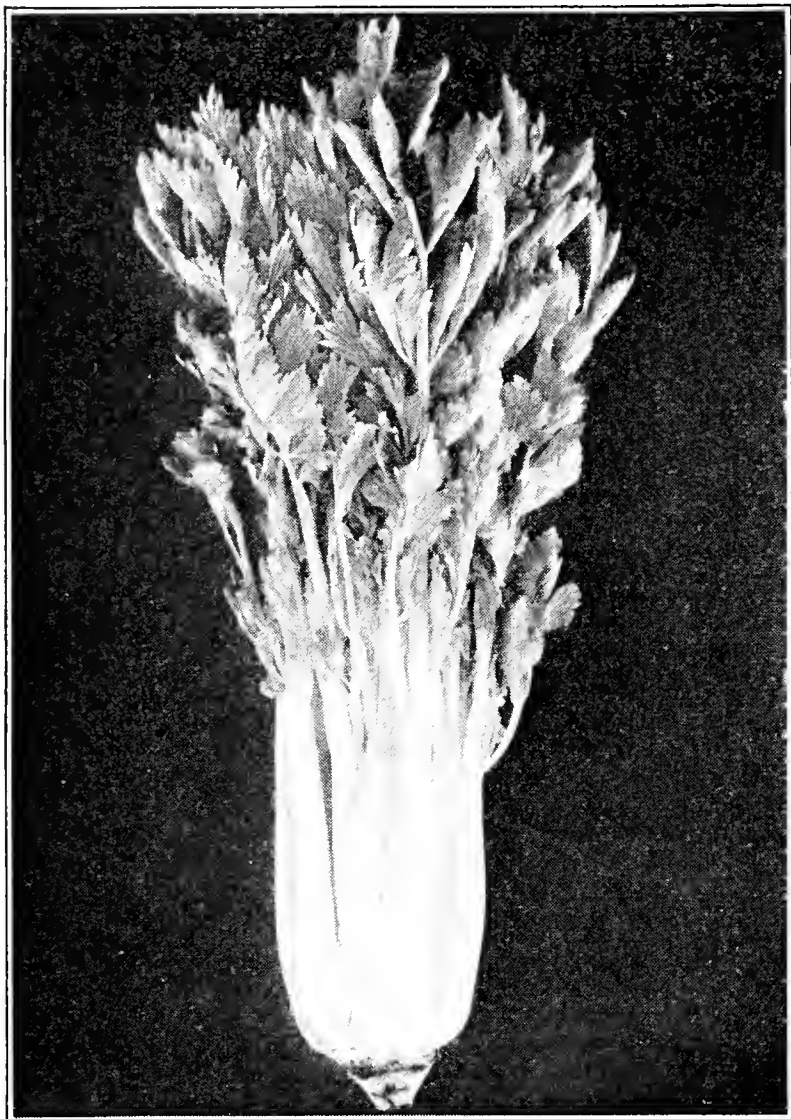
Pkt., 10c.; ¼ oz., 15c.; oz., 40c.; ¼ lb., \$1.10; lb., \$4.00.

Your Simon's Early Perfection Cauliflower is the best that I ever grew. Besides being very early, the heads are very solid and mature nearly all at one time.

(Signed) Jans Jorgeson, Mich.

SIMON'S SUPERB CELERIES

Of Exceptional Merit



Simon's Special Golden Plume



Golden Plume

German, **Sellerie.**
French, **Celerl.**

CELERY Italian, **Sedano**, accl.
Spanish, **Apio.**

Cultural Directions.—Celery requires water, and lots of it, from the time the seed is sown in boxes in March, until it is pulled in the autumn or winter. The seed is slow to germinate, and the soil where it is planted needs to be kept very wet.

Plant seed in hotbed or very early in open ground. When 3 inches high transplant 4 inches apart in rich soil, finely pulverized; water and protect until well rooted. In June or July transplant into rows 3 to 4 feet apart, either on surface or well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 6 to 8 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the top of the centre shoots.

One ounce of seed will produce 3000 to 5000 plants.

Columbia.—A recent introduction. Plant medium height, with thick ribs, and well hearted. In season it is quite early and the quality is unsurpassed.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

French Golden Self-Blanching (Old Strain).—Plant short and stocky, with a full heart and broad ribs. This is the original strain that has been on the market for years.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

TESTIMONIAL

"On November 16, 1929, you sent me a sample of your Special Golden Plume Celery seed. This seed was planted along with your Golden Plume, and also with seed from other houses. About a month before harvest it was quite distinguishing to note that this Celery spread less, but made up for this in height and uniformity of size in the stalks. I noted also that it bleached very nicely and was less subject to rust as the outer and older leaves were practically free, and same care was given to the entire field. This Celery was recently cut, and although I was unable to market it separately on account of the small amount, it turned out mostly 3's and 4's, much heavier than the adjoining Celery. I am so well pleased with this strain that I am planning to put one-half of my acreage to this strain next year." (Signed) C. G. Tilden, Florida.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

French Golden Self-Blanching (New Strain).—This strain grows 8 to 10 inches taller than the old strain. The ribs are much broader and it does not contain as many heart stalks.

Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

Golden Plume is the last word in Self-Blanching Celery. It is a week earlier, blanches more easily, and is far more resistant to blight and crown-rot than Golden Self-Blanching. It has a beautiful golden color, is crisp, free from strings and has that rich nutty flavor so much desired by lovers of fine Celery.

Pkt., 15c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

Golden Plume, Simon's Special.—We consider this a decided improvement on Golden Plume. The plants are 5 inches taller, more compact, heavy and full hearted. The stems are much longer to the joint, are broad and thick, brittle, free from strings and of excellent quality.

Pkt., 25c.; oz., \$1.75; $\frac{1}{4}$ lb., \$5.50; lb., \$20.00.

Giant Pascal.—For quality this is one of the best. Plant vigorous, stout, but rather shy hearted, and requires careful handling, as it is very brittle. A good, late keeper. Used extensively around Boston. Our stock is true and will give excellent satisfaction.

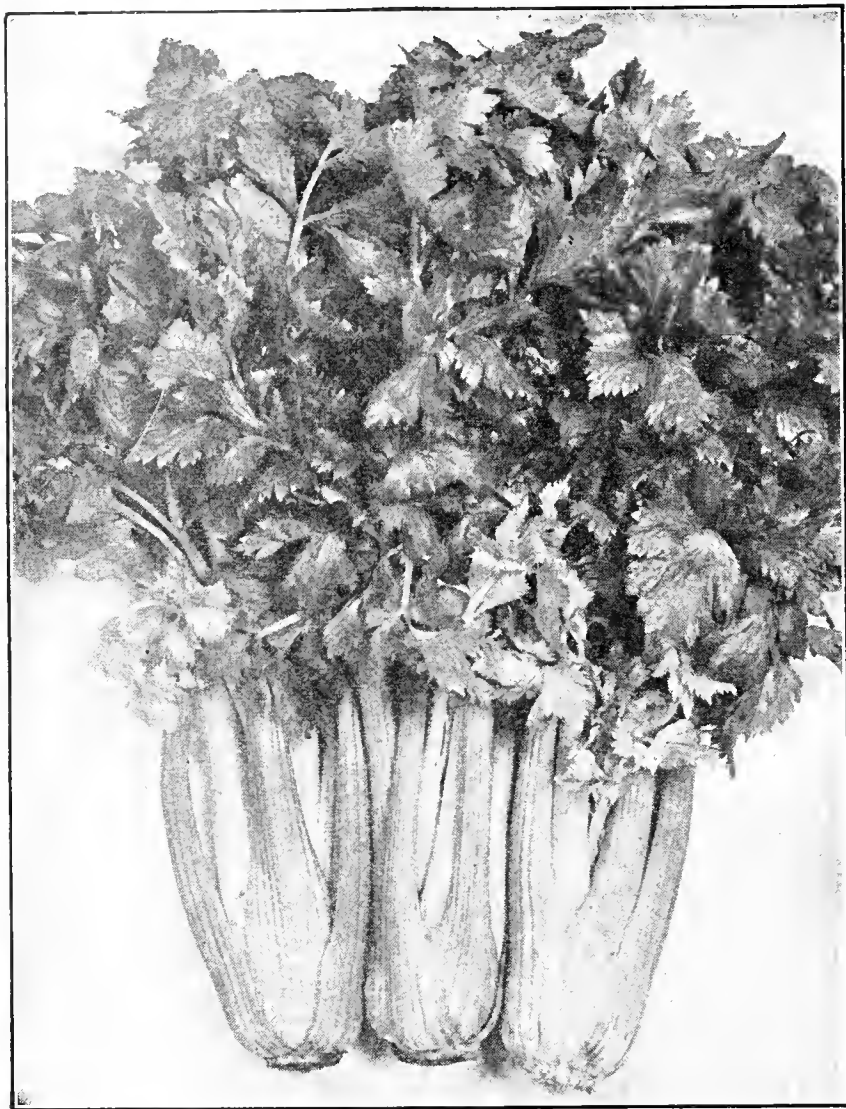
Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Perfection Golden Self-Blanching.—The most popular and best of the early varieties. Our stock of this most important variety is perfection in every respect. The ribs are broad, the plant very stocky and full hearted. It is free from the objectionable green sorts. Plants of a yellowish-green color, but as they mature they turn to a beautiful golden yellow. Critical growers will find our strain of this important variety unsurpassed.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

Perfection White Plume.—The earliest celery, but not compared in quality or appearance with Golden Self-Blanching. As the plant matures, the inner stems and leaves turn white, and require but a short time to be earthed up before it is in condition for use. Can be bleached with boards. Our stock will give excellent satisfaction. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

CELERY—Continued



Sanford Superb or Easy Bleacher.

SANFORD SUPERB or EASY BLEACHER

The three stalks shown above were grown by M. V. Dilkes, Philadelphia.

Sanford Superb, or Easy Bleacher.—This is the most valuable variety of recent introduction. Planted the same time as Golden Self-Blanching it will be ready for market two weeks later. Bleaches readily with boards and grows well both on muck and upland. It is equally stout and a trifle taller than Golden Self-Blanching, and much less susceptible to blight. The eating and keeping qualities are both superior to Golden Self-Blanching. This is the popular green variety so extensively grown in the famous Celery centre of Sanford, Fla. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Simon's Winter King.—Plant medium height, exceedingly stocky, with thick, heavy ribs. The quality is exceptionally fine, being equal to Giant Pascal, and contains more heart stalks than this variety. It can be marketed by November 15th, and by keeping it cold will retain its good quality as late as April 1st in the vicinity of Philadelphia. We pronounce it the best late-keeping sort. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Soup, or Cutting Celery.—Used to cut while young for flavoring. Sold as soup greens. (See Flavoring Celery.) Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Winter Queen.—Of very stocky growth, particularly valuable on account of its excellent Winter keeping qualities. It has a full heart and makes a very attractive bunch. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Celeriac, or Turnip-Rooted Celery

German, **Knollen Selleric.**

Italian, **Sedano-Rapa.**

French, **Celeri-rave.**

Spanish, **Apio ralz de Nabo.**

Cultural Directions.—This plant forms a thick root, which is used instead of the stalks. It is fit to use when about two inches in diameter. Seed should be sown and given same treatment as Celery, but the plants do not require earthing up. Plants can be set six inches apart in rows two feet apart. To keep over Winter, treat same as carrots or beets, except that moist soil should be worked in about the roots to keep them plump.

Large Smooth Prague.—Very large, round roots, quite smooth. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

CHICORY

1 oz. for 100 feet of drill.

German, **Cichorie.**

French, **Chicoree.**

Italian, **Cicorla Selvatica.**

Spanish, **Achicoria de Care.**

Cultural Directions.—Sow in open ground in June in rows 12 inches apart, selecting good, deep, rich soil. Roots should be taken up in November, selecting those that have attained a diameter of from $1\frac{1}{4}$ to 2 inches (discard divided roots and those with narrow leaves, as well as any which bear several heads). Trim off tops about $1\frac{1}{2}$ inches from the neck, and any secondary shoots that appear on the sides. Cut off the lower end of roots so they are of a uniform length of eight to ten inches. Plant in a trench 16 to 18 inches deep. Place roots upright one and one-half inches apart, fill the trench completely with good, light, well-drained soil. If speedy growth is desired, surface should be covered with manure, varying in depth according to quality and prevailing temperature, but never less than 16 inches nor more than three feet. In four to six weeks they should be blanched and ready for use. Placing manure under roots has not been satisfactory, the heads opening instead of remaining closed, from which it would appear a heavy pressure is needed in order to induce the heads to grow into the right shape. Eaten raw as a salad or boiled like Curled Endive.

Large Rooted, or Common.—This variety is cultivated principally for the roots, which, when matured, are dried and ground. It is a substitute for coffee, and is used sometimes for flavoring the latter. The roots can be boiled and served like Salsify. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Witloof (French Endive).—This grows in a solid oblong head and blanches ivory white. When lifting, cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads, and is used to such an extent in this country that much of it is imported. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

COLLARDS

German, **Blattkohl.**

French, **Chou.**

Spanish, **Cabu.**

Italian, **Cavoli.**

Cultural Directions.—This is a tall, loose-leaved cabbage-like plant. It is extensively used for the table, as well as for stock feeding in the South, where it continues in growth and is usable throughout the entire winter. Collards usually succeed in locations where cabbage cannot be grown to perfection. Sow the seed thickly in drills, in rich ground, transplanting when about four inches high; or sow in drills where the plants are to remain and when well started thin to two or three feet apart in the row. In the South seed may be sown from January to May and from August to October.

Georgia, Southern or Creole.—This is the white or green stemmed variety, growing two to three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$5.50.

CORN SALAD OR FETTICUS

German, **Ackersalat.**

French, **Mache.**

Italian, **Valeriana.**

Spanish, **Macha o Valerianilla.**

One ounce for 100 feet of drill.

Cultural Directions.—Sow in August or September for winter or spring about one-quarter inch deep, in rows one foot apart. Thin out and keep clear of weeds. Protect in winter by thin covering of straw or meadow hay. Ready early in spring; use same as Lettuce. For summer use sow early in spring.

Large Seeded Broad Leaved.—Leaves large and broad. Used as a substitute for Lettuce and Spinach. The best sort. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.25; 5 lbs., \$5.75.

CRESS

German, **Kresse.**

French, **Cresson.**

Italian, **Agretto.**

Spanish, **Mastuerzo.**

Fine Curled, or Pepper Grass.—As early in spring as the ground can be worked sow the seed in rich, well prepared soil, in shallow drills about 16 inches apart, covering with about one-half inch of fine soil firmly pressed down. When the young plants are well started thin four to six inches apart in the row. For succession, plant every two weeks, thinning out as required for use. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.

True Water.—This is a distinct variety of Cress with small, oval leaves. It thrives best when its roots and stems are submerged in water. A fair growth may be obtained in soil which is kept wet, but does best when grown along moist banks or in tubs in water-covered soil. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. The seed is usually sown and lightly covered in gravelly, mucky lands along the borders of small, rapid streams. The plants will need no subsequent culture, as under favorable conditions they increase very rapidly by self-sown seed and extension of the roots. When gathered for the market the shoot should be cut, not broken off. In summer it is best to cut them closely, the oftener the better. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

CORN—Table Varieties

German, **Zuckermals.**
French, **Maïs.**

Italian, **Malz, Granone dolce.**
Spanish, **Maiz.**

For postage on 5 lbs. and over, consult inside front cover.

One pound for 150 hills; 12 to 16 pounds in hills for an acre.

Cultural Directions.—All varieties of Sweet or Sugar Corn may be either sown one inch deep in rows three to four feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances three or four feet each way, according to the size of the variety grown or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the first of May and continue successive plantings every two or three weeks until the last week in July. In more Southern latitudes planting is begun earlier and continued later. The earliest varieties of Sweet Corn are ready for the table in eight or nine weeks from the seed sowing and the late varieties from eleven to twelve weeks.

Extra Early Varieties

Adams Extra Early.—Robust, hardy, early and productive. Never smuts, ears small.

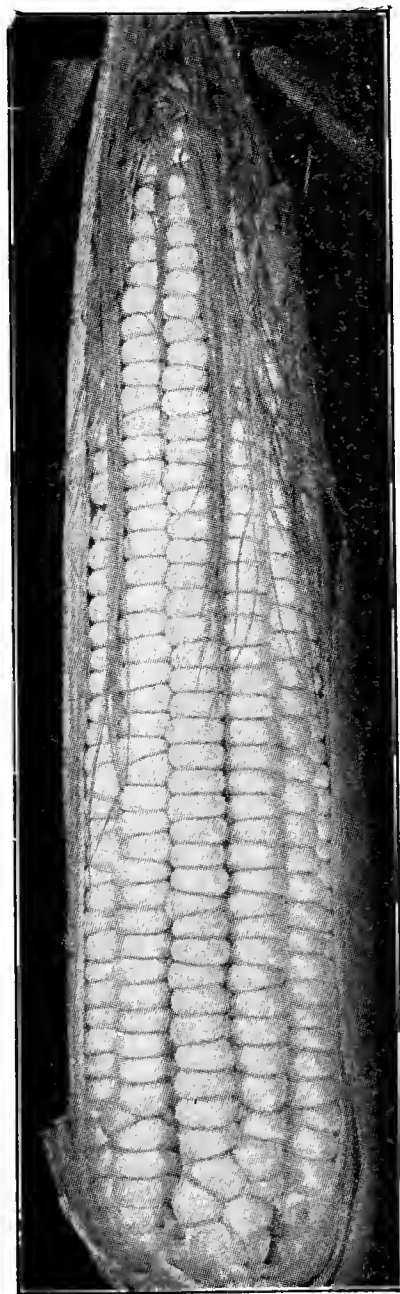
Pkt., 10c.; lb., 25c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

Barden's Wonder Bantam.—Of the same type, season and quality as Golden Bantam, but having a longer ear. The stalks grow from 5 to 6 feet high and have ears 8 to 10 inches long, filled with 8 rows of rich golden kernels.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Burlington Hybrid.—A very early white corn with a medium-sized ear. Popular in Burlington County, New Jersey.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.



Simon's Early Wonder

Cory, Mammoth White.—Extremely early, usually fit to use in from 50 to 60 days from planting. Ears about six to seven inches long, with milky white kernels; sweet, tender and delicious; plants dwarf, bearing usually two ears to a stalk.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

De Lue's Golden Giant.—A cross between Golden Bantam and Howling Mob and is one of the few new yellow corns to retain the high quality of its golden parent. In season between Golden Bantam and Bantam Evergreen, of medium growth, with ears 8 inches long, 16 to 18 rowed.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Champion.—Follows in close succession the Mammoth White Cory, bearing a good-sized, finely shaped ear, with twelve rows of plump, deep grains. Very productive, and good quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Mayflower.—Five days earlier than White Cory, with large ears, of better quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

First Early Table.—The first table corn with a decent sized ear to come into the market. It is not strictly sugar corn, the grain being white and smooth, but if pulled at the proper time it is fairly sweet and sells remarkably well. Can be planted earlier than the shriveled grain sorts, as it will stand more cold, wet weather.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Extra Early Varieties

Golden Bantam.—Very early and of excellent quality. Ear small with yellow kernels. Fodder dwarf.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Golden Sunshine.—The earliest of the Golden Bantam Type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears 6½ in. long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Simon's Early Wonder.—This new, sweet corn is truly a wonder. It is three to five days earlier than White Cory, with a larger and much better shaped ear. The quality is far superior, being better than any of the early varieties. The ears, when husked, are eight inches long with ten to twelve rows.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Medium Early Varieties

Black Mexican.—When in condition for the table it cooks white but the grain when ripe is black. Ear rather small, grain very sweet and tender.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Evergreen.—Fit for market one week earlier than Stowell's Evergreen and remains in condition equally as long. The ears are large, with fourteen or more rows of deep grain of the finest quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Howling Mob.—Height, 4 to 5 feet, usually producing two good ears to the stalk, measuring 7 to 9 inches in length, with 12 or 14 rows. Ready for market 4 to 6 days after White Cory. An excellent sort.

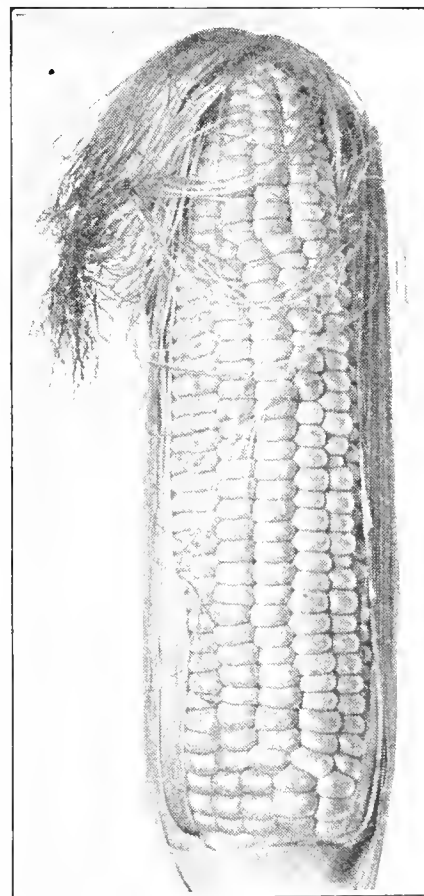
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Kendel's Early Giant.—Remarkably large ear for a second early corn. Grain rather broad and shallow. Quality, very good.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Mammoth, Early.—A popular large-eared, second early sort, which sells readily on account of its large size and fine shape. Grain rather shallow, but of good quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.



Golden Sunshine

TESTIMONIAL

I just want to say to you folks—the seeds from your house have given better results than any seed I can get anywhere at any price. In my fifteen years' trucking experience, they have never failed to come true to form.

(Signed) J. M. Weaver,
North Carolina.

A NEW BOOK ON THE GARDEN

The Gardener, by L. H. Bailey. You get full advantage of Dr. Bailey's unequalled knowledge and experience in this book. It tells how to grow flowers, vegetables, and fruits from the time of planting through to maturity. Special articles on different types of gardening. Information that is easy to find and simple to use. 116 illustrations, 260 pages. Postage extra. \$2.00.

SWEET CORN

Medium Early Varieties—Continued

For postage on 5 lbs. and over, consult inside front cover.

Simon's Perfection Second Early.—The best medium early to follow the extra earlies. Fodder 5 to 6 ft. high often producing two ears with 16 to 18 rows of deep wedge-shaped grains of the Evergreen type. It matures with Howling Mob. As the ear is much larger and grain deeper than Howling Mob, we consider it an excellent variety to use in place of this.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Whipple's Early White.—A very early variety, with deep grain similar to Stowell's Evergreen. Ears are blocky in form, with 16 to 20 rows of deep grain of excellent quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Whipple's Early Yellow.

—This is a wonderful early yellow corn, either for home or market use. The ears are very large, 8 to 9 inches long, have 12 to 14 rows of deep kernels. It is ready for use 3 or 4 days later than Golden Bantam and the ears are almost as large as Evergreen. The quality is excellent.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Main Crop and Late Varieties

Bantam Evergreen.—A combination of Golden Bantam and Stowell's Evergreen, possessing the bright golden color of Golden Bantam and the flavor of Stowell's Evergreen.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Country Gentleman, or Improved Shoe Peg.—This variety has a small white cob, densely covered with irregular rows of very long, slender white grains of the very finest quality. Ear medium size.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Hickox Improved.—A well-known, late variety, producing a large ear of excellent quality. An excellent market garden sort.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Long Island Beauty.—A cross between Evergreen and Late Mammoth. Ears are long with 12 to 14 rows of pearly white grains of excellent quality. Valuable for canning. One of the best late varieties.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Main Crop and Late Varieties—Continued

Mammoth, Late.—Remarkable for its immense ears, which are filled to the tip with pure white, sugary grains, very tender and sweet.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Narrow Grain Evergreen.

A splendid, high quality Evergreen. Slightly earlier than Stowell's; ears 8 to 9 inches long, with small cob containing 18 to 20 rows of very deep, narrow white grains. One of the best for market gardeners or canners.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Stowell's Evergreen.—The standard main crop variety. Late, large and thick; grain very deep and tender, remaining in eatable condition for a long time. One of the best main crop sorts.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Stowell's Evergreen, Extra Selected.—The same as Stowell's Evergreen, except that it has been selected for large ears and extra deep grain.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Trucker's Favorite.—A late variety of the Adams' type; ears very large, handsome, 14 to 16 rowed.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

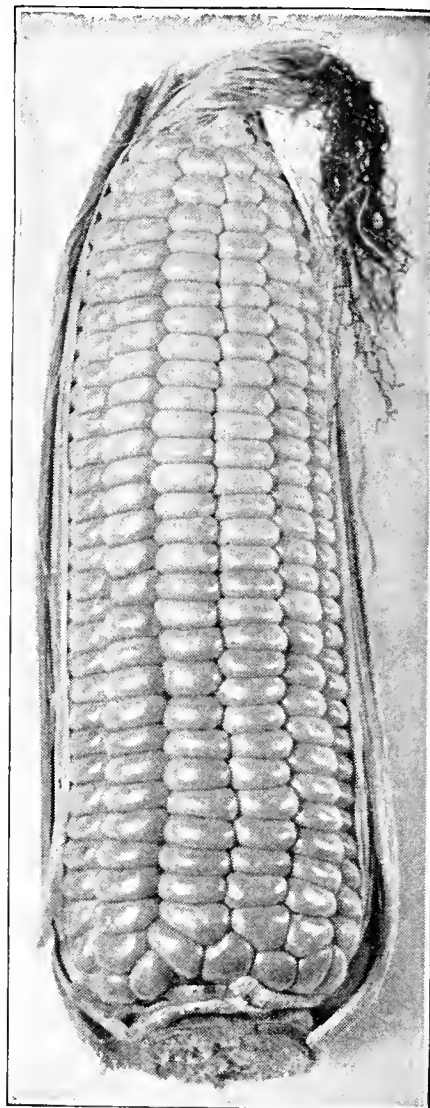
White Evergreen.—The most valuable feature of this variety is that the grains instead of having the yellow tinge like Stowell's are of a paper-white color, which makes it more attractive when served on the table and especially valuable for canning. The ear is just as large and the grain just as deep as Stowell's.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

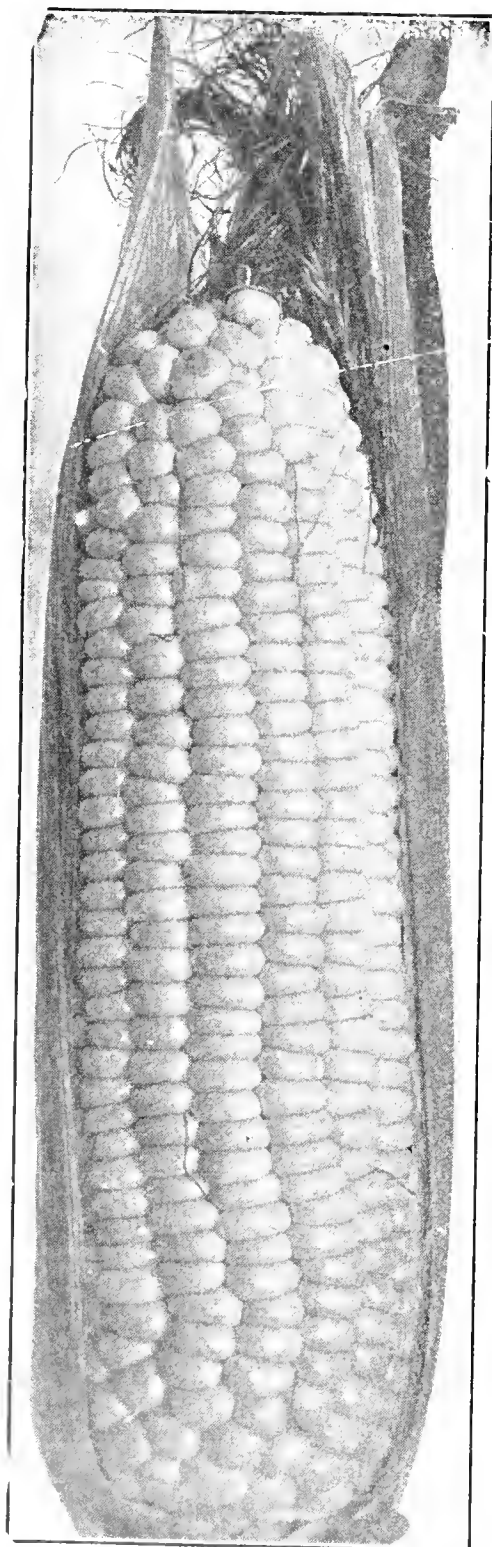
Zig-Zag Evergreen.—A strain of Evergreen with irregular rows. Ear not as large as Stowell's.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

For Field Corn Varieties, see page 43.



Whipple's Early Yellow



Simon's Perfection
Second Early

TESTIMONIAL

I am writing to you for a little advice along the line of advertising by way of using a label on all of my boxes.

One of my specialties is radishes. Varieties as follows: White Icicle, Cincinnati Market, Crimson Giant, Sparkler White Tip and Hot House. Model Chantenay Carrot, Purple Top White Globe Turnip, Beets, Kleekley's Sweet Watermelon and Klondike, Golden Beauty Casaba and Cantaloupe.

I get all my vegetable seed from I. N. Simon & Son, because they show up well and show good breeding, on account of this fact I am able to sell all I can grow to the best trade both wholesale and retail. I wanted a neat label showing each article in its natural color and shape, and the name "Johns Best" or something of the kind. Do you think this will pay?

C. W. JOHNS, Arizona.

We sell 1/2 pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

CUCUMBER "KIRBY"

Trade Mark Reg. U. S. Pat. Office

PERFECT SHAPE PERFECT COLOR PERFECT SHIPPER
EARLY PRODUCTIVE

**INSURE YOUR CROP BY PLANTING
ORIGINATOR'S STOCK**

KIRBY CUCUMBER is the earliest of the White Spine type; fruit seven to eight inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25; 10 lbs., \$12.00; 100 lbs., \$115.00.

Insure your crop by planting Originator's Stock, which is sold only in Sealed Lithographed Containers illustrated on the right.

READ WHAT OTHER GROWERS SAY ABOUT KIRBY CUCUMBERS

"We take pleasure in advising you that we have planted your Kirby Cucumber for the past eight years. We always find this cucumber the best by far in earliness, dark green color, yield, and in fact the best in every respect. We sell, as you know, about three thousand pounds of Kirby Cucumber here annually, which is about eighty percent of the cucumbers planted around Williston."

(Signed) Mixson & Newsom, by J. G. Newsom,
Williston, Fla.

October 27, 1931.

"We have used your Kirby Cucumber seed for the past ten or twelve years, and while we have been induced to try other varieties which producers have claimed just as good, we have been unable to find any other seed that will produce as early and as green cucumbers in color. We will plant fifteen hundred to two thousand pounds of your Kirby Cucumbers this year and will use no other variety."

(Signed) Beville & Oldham, by G. G. Oldham,
Center Hill, Fla.

October 27, 1931.

"I am just in receipt of my seed, among which is the Famous Kirby Cucumber. I thought I would write you in regard to the fine quality of this cucumber. I have raised it for the past two years now, and expect to grow it for a good many years to come. It particularly might interest you to know that our latitude is 52 N. L., the furthest north, I believe, and you may probably admit, it has ever been grown. This cucumber has taken first prize for the past two years in our largest Fair here. It's all you claim and then some."

December 20, 1930. (Signed) Louis Stauss, Sask., Canada.

"I purchased six pounds of your Kirby Stay Green Cucumber seed through our cucumber association here and they certainly are dark in color and uniform in size. They run around ninety-five percent fancy. They are a beautiful sight to look upon."

May 25, 1931. (Signed) C. J. Crown, Gainesville, Fla.



This picture shows packing bench of Dr. Carson, Williston, Fla., who had twenty acres of Originator's Stock Kirby Cucumber. This shows them



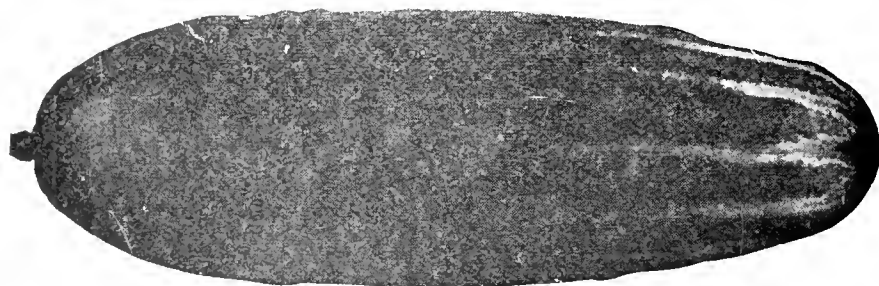
just as they came from the field before they were graded. They ran 85% Fancy—uniform in shape and excellent dark green color.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate of one variety. Prices Subject to Change Without Notice.

CUCUMBER—Continued

German, **Gurke.**French, **Concombre.**Italian, **Cetriolo.**Spanish, **Pepino.**

Cultural Directions.—Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each, a shovelful of well-rotted manure. Sprinkle the vines liberally with Slug Shot to protect them from bugs, and when all danger from insects is past, thin out the plants, leaving three to four of the strongest to each hill. **One ounce of seed will plant about 50 hills; two pounds will plant an acre.**



Simon's Perfection

Arlington White Spine.—One of the most popular White Spine sorts. The fruit is very uniform, averaging seven to eight inches. It is extra early and very prolific, and is grown extensively around the Norfolk, Va., section and at Charleston, S. C.

Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Chicago Pickling (Westerfield).—A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. 7 x 3 inches.

Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Cool and Crisp.—An extra early, prolific, dark green cucumber with fruit of good length and fine quality.

Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Davis' Perfect.—A long, slim, dark green White Spine strain, early and prolific. It is a stronger grower and will resist blight better than some of the older sorts.

Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Earliest of All.—Very early and prolific. Fruit dark green and average about eight inches.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Early Fortune.—Early, good dark color and prolific. Fruit averages about ten inches in length.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Extra Early Prolific, or Boston Pickling.—A very productive variety, extensively grown for pickles. Fruit medium size, quite smooth and of a bright green color.

Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Extra Long, or Evergreen White Spine.—A long, second early dark green White Spine, fruit averaging ten to twelve inches.

Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Henderson's Perfected.—An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages from eight to ten inches long and is of the finest quality.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Japanese Climbing.—A trellis variety, used for shade as well as eating purposes. The vine is very ornamental, producing extra long light green fruit in abundance.

Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., \$1.25; 10 lbs., \$11.50.

Jersey Pride.—An entirely new strain of White Spine, originating in New Jersey. It is as early as any of the White Spine strains and outyields them all. The color is dark glossy green, shape very uniform, with an average length of eight to ten inches. They hold their color and brittleness long after being cut, which makes it an excellent shipper for distant markets. We recommend it as one of the best all around varieties.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Klondike.—An early, dark green strain, producing finely shaped fruit about nine inches in length.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Longfellow.—An excellent long, slender, dark green variety, equally desirable for greenhouse forcing or out door culture. An ideal type for the private garden or as a "straight pack" variety for shipment to market. 12 to 14 inches long by 2½ inches in diameter. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

London, or Improved Long Green.—Second early, long, dark green; fruit measures twelve to fourteen inches. Quality firm and crisp.

Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Simon's Famous White Spine.—The longest and handsomest of any of the White Spines. The fruit average twelve to fourteen inches in length, are straight, well formed and of a dark green color. It is a strong grower, the vines remaining green when other varieties are blighted and dried up. Season a little later than Arlington, quality the very best, having very few seeds.

Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Simon's Hot House.—Perfect shape and color, producing long, straight, handsome fruit of the very finest quality. Excellent sort for growing under glass.

Pkt., 15c.; oz., 45c.; ¼ lb., \$1.35; lb., \$5.00.

Simon's Perfection.—Extra early dark green and very prolific variety. Fruit average from eight to ten inches in length and have very few seeds. They hold their color both on the vines and after being shipped longer than most other varieties, which is a very valuable feature for long-distance shipping. Vines vigorous and more blight-resistant than most of the White Spine sorts.

Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50; 100 lbs., \$110.00.

Snow's Pickling.—An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many growers who want an ideal bottle pickle. The seed we offer was grown from a very fine lot of stock seed procured from the originator. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.



Simon's Famous White Spine

DANDELION

German, **Loewenzahn.**
French, **Pissenlit.**Italian, **Dente de leone.**
Spanish, **Amargon.**

Cultural Directions.—The seed is sown one-half inch deep in the open ground as soon as it can be worked in spring, in rows one foot apart, thinning the plants to about three inches apart if grown for "Greens" or if to be blanched for salad the rows should be 15 to 18 inches apart and the plants thinned to about eight inches. A gathering of young leaves may be made in eight or nine weeks from seed sowing and be continued until the growth gets too old and bitter. The plants being hardy if allowed to stand over winter, will yield a very early crop of tender young leaves the following spring.

One ounce will sow 100 feet of drill.

French Cultivated, or Common.—A selection from and an improvement on the wild dandelion.

Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Giant Erect.—An upright growing variety, with broad cut leaves. We recommend this as one of the best.

Pkt., 15c.; oz., 50c.; ¼ lb., \$1.60; lb., \$6.00.

Improved Broad Leaved.—Very early, forming a rosette of large, broad, slightly cut leaves.

Pkt., 15c.; oz., 50c.; ¼ lb., \$1.60; lb., \$6.00.

Italian.—Produces one main stalk which after cut causes the plant to produce numerous sprouts. These are cut and sold in bunches. It is prepared the same as Asparagus.

Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

EGGPLANT

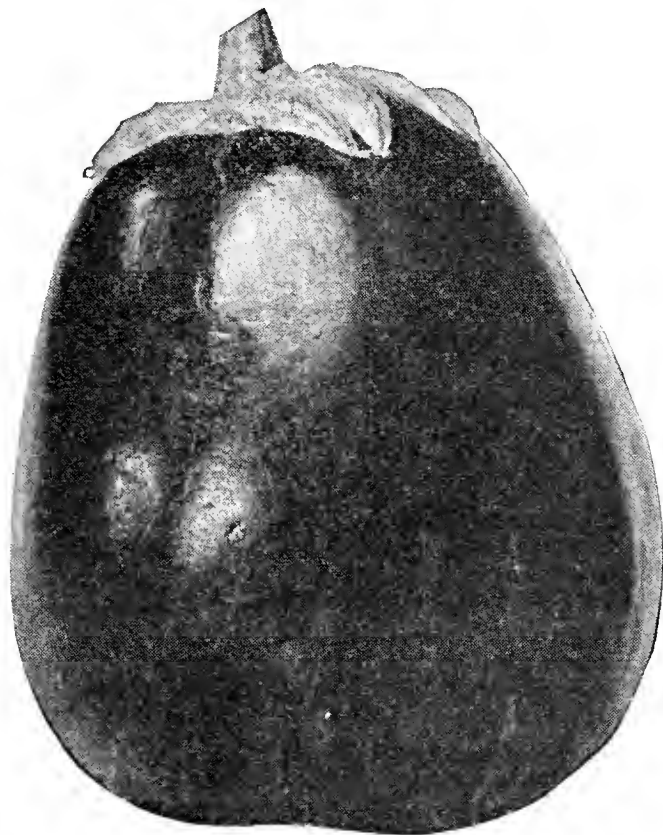
German, **Eierpflanze.**

Italian, **Petronciano.**

French, **Aubergine.**

Spanish, **Berengena.**

Cultural Directions.—Seed is of slow germination and requires a moderate amount of heat. Should be started in hotbeds early in March and transplanted to four or six inches apart. Plant out in open ground about May 20th, two feet apart in row, and three feet between rows. Eggplants are very tender and will not stand frost. One ounce will produce 1000 plants.



Black Beauty

Black Beauty.—The best of all. Fruit large, handsome shape and of a rich, glossy black color. It is as early as any, very productive and thornless. Our stock is excellent.

Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$4.75.

Florida High Bush.—Plants are large and high, usually bearing the fruit off the ground. Fruit medium size, pear-shaped and of a purple color. Very productive.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

New York Improved Large Purple.—Fruit large, good shape and of a dark purple color, very productive and spineless.

Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$4.75.

Simon's Special High Bush.—Similar to Florida High Bush, except that the fruit is dark purple and more round.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

ENDIVE

German, **Endiven.**

Italian, **Endivia.**

French, **Chicoree.**

Spanish, **Endivia.**

Cultural Directions.—One of the best salads for fall and winter use. Endive is not only much used for salads and garnishing, but is also desirable for greens.

For early use sow about April 15th; for later supply sow in July in drills fourteen to twenty inches apart and when well started thin the plants to one foot apart. When nearly full grown tie the outer leaves together over the centre in order to blanch the heart of the plant. One ounce will sow 150 feet of drill.

Broad-Leaved Batavian, or Escarolle.—Broad, thick ribs, with slightly wrinkled leaves.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

French Endive (Witloof Chicory).—Grown extensively for salads, and commands high prices. Must be bleached similar to Celery. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lb., \$15.00.

Full Heart Batavian or Escarolle.—Produces twice as many leaves as Broad Leaved, which are slightly wrinkled. The best broad-leaved variety.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lb. \$15.00.

Giant Fringed, or Oyster.—Very large and grows remarkably well in hot weather. Grown largely in New York State, to be shipped to the New York Market.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

Philadelphia Large Green Curled.—A very strong-growing mammoth sort with white ribs. Used extensively around Philadelphia. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

Simon's Bordeaux.—A mammoth green curled sort with pink ribs, grown largely around Philadelphia and New York.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

HORSE RADISH ROOTS

Maliner-Kren, or Bohemian.—A new variety from Bohemia producing very large, pure white roots. Strong sets. Doz., 20c; 25 for 35c; 100, \$1.00; 1000, \$8.00.

Postage extra. Consult "Postal Directions" on inside front cover. One hundred roots weigh 2 pounds.

KALE OR BORECOLE

German, **Krauskohl.**

Italian, **Cavolo Verde.**

French, **Chou vert.**

Spanish, **Breton.**

Cultural Directions.—The Siberian and Scotch are the popular sorts for fall sowing. Sow from August 15th to October 15th, either broadcast or in drills 18 inches apart, and given some cultivation they will yield greens throughout the winter.

One ounce will sow 150 feet of drill.

Blue Scotch.—Similar to Dwarf Green Curled Scotch except that it is of a bluish green color instead of a bright green, and is of dwarfer habit. The stem is so short that it rests directly on the ground, which protects it from cold. It is hardier than Green Curled Scotch and will pass through the winter unharmed as far north as Connecticut.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Dwarf Green Curled Scotch.—The plant is low and compact, with large, bright green leaves, curled, cut and crimped so that the whole plant resembles a bunch of moss. This variety is quite hardy, but will not stand in a temperature below zero.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Tall Curled Scotch.—Plants of this variety grow two to three feet in height, bearing long, plume-like, light green leaves which are much cut and deeply curled at the edges.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Long Standing Curled Siberian.—The green leaves are very large and comparatively plain in the centre, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the spring without bolting than any other variety.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

KOHL RABI

German, **Kohlrabi.**

Italian, **Cavolo Rapa.**

French, **Chou-Rave.**

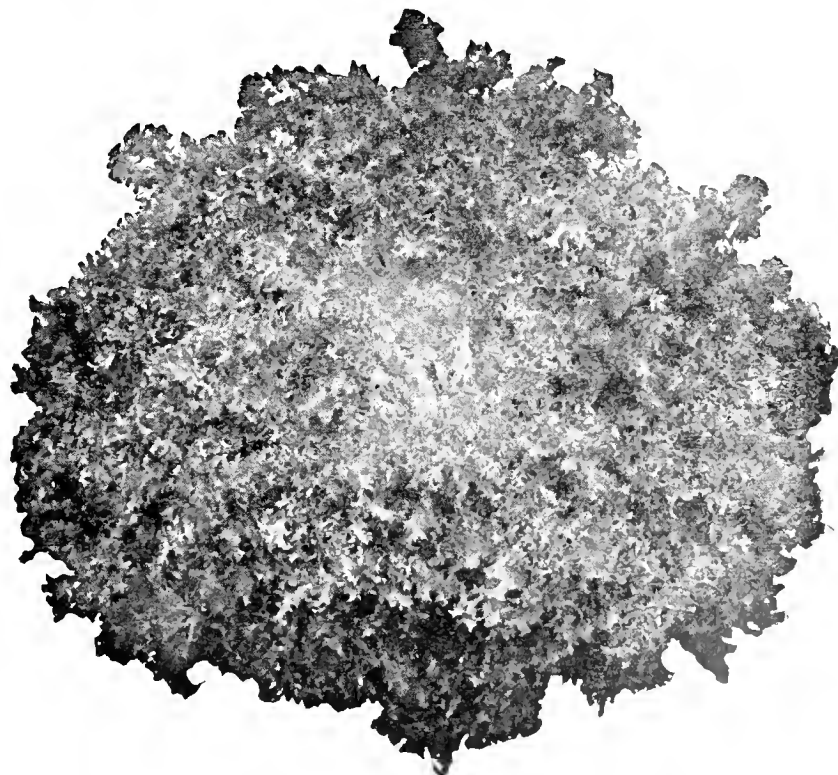
Spanish, **Col de nabo.**

Cultural Directions.—A peculiar vegetable belonging to the Cabbage family and forming a turnip-shaped bulb above ground, which is used in the same manner as turnips. For garden cultivation, give same treatment as Cabbage. Should be used when young and tender. Can be sown in June or July for fall use. One ounce will sow 200 feet of drill.

Early Purple Vienna.—Very early, with small top, skin purple. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Short Leaved Early White Vienna.—Extremely early, with very small tops, thus allowing it to be planted very close. The best either for forcing or an outdoor crop.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



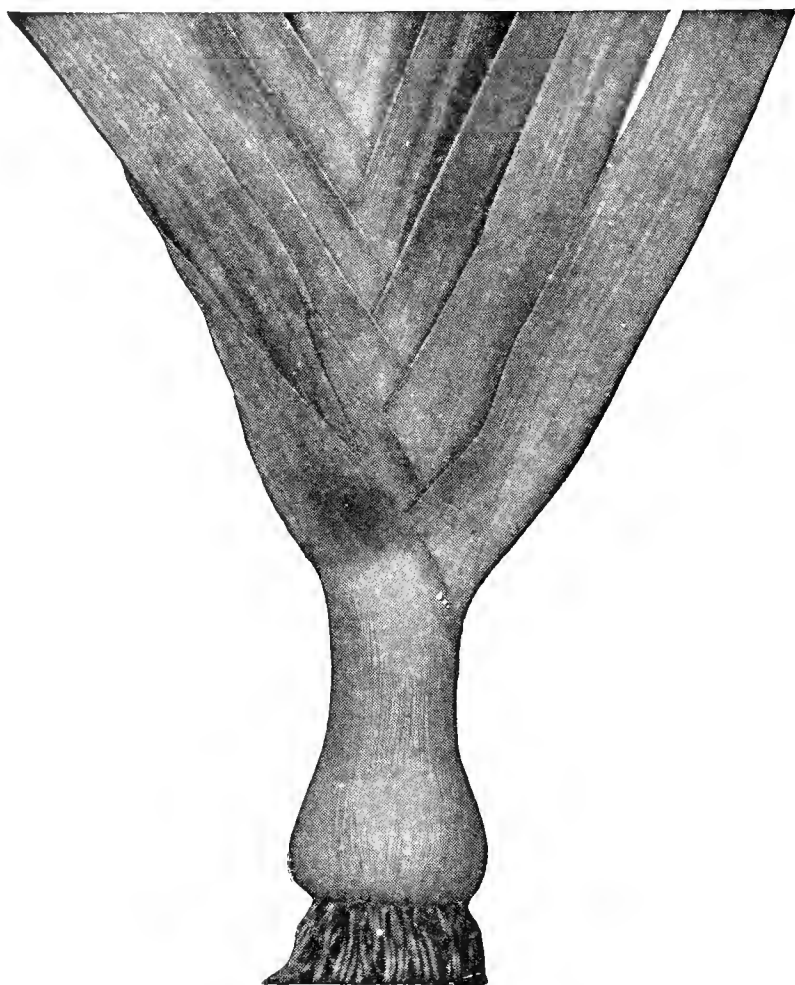
Philadelphia Large Green Curled

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

LEEK

German, **Lauch.**French, **Polreau.**Italian, **Porro.**Spanish, **Puerro.**

One ounce for 100 feet of drill.



Long Standing Hardy Winter

American Flag.—Stem ten inches long by two inches thick. It is a strong, quick grower and has a mild flavor. One of the best for fall and early winter use.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 5 lbs., \$9.25.

Glant Italian.—Very large, short, thick stems, with broad, dark green leaves; quite hardy. One of the best sorts.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 5 lbs., \$9.25.

Glant Musselburg.—Short and thick.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 5 lbs., \$9.25.

Long Standing Hardy Winter.—Large, thick, short stems, with very broad leaves. It is extremely hardy and will stand longer in the spring without bolting to seed than any other variety.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25; 5 lbs., \$10.50.

Monstrous Carentan.—Of dwarf habit, stem short, but very thick. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 5 lbs., \$9.25.

LETTUCE

German, **Lattich Kopfsalat.**French, **Laitue.**Italian, **Lattuga.**Spanish, **Lechuga.**

Cultural Directions.—Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be worked. While prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in the hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing seed outdoors. Planting guide on page 1 tells when.

One ounce will sow 150 feet of drill.

All Seasons.—A good variety to plant throughout the season. Head good size and compact.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Big Boston.—One of the most popular varieties. Heads large and very solid. One of the best for shipping long distances. While this variety does exceedingly well in the spring and fall, we do not recommend it for summer, as it is apt to burn in the heart. Cold weather will also turn outer leaves red.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Black Seeded Big Boston.—A very fine uniform strain of Big Boston, which produces black seeds instead of white. Heads are larger than the white-seeded, are equally firm and will stand a few days longer before bolting to seed.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

Black Seeded Simpson.—One of the best loose-leaved curled sorts for sowing outdoors. Can be grown all through the season. Very tender and remains in condition for use for a long time.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Black Seeded Tennisball.—Heads firm and medium size. A good variety throughout the season, but especially adapted for early sowing outdoors.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Crisp as Ice.—A slightly elongated, medium sized, compact heading variety; leaves very broad, somewhat blistered and crumpled and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.50.

Denver Market.—A handsome variety, forming tight, conical heads. The leaves are very deeply savoyed, and even the outside leaves are tender and crisp. Color is light green.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Dreer's All Heart.—Similar to Salamander. The head is more compact and it stands the heat better than Salamander. We recommend it as an excellent sort to sow through the summer months.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

French Big Boston, Without Red Edge.—This is an excellent type. It heads very uniformly and is extremely hardy, never turning red from cold.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75; 10 lbs., \$16.50.

Grand Rapids.—The best loose-leaved curled variety for forcing. It is a very rapid grower, and will stand high temperature. It does not wilt quickly after cutting, and will therefore stand shipping.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Hopkins' Big Boston.—The most uniform pure and sure-heading strain we have ever seen. Nearly every plant makes a salable head, and it contains practically no off types. We have taken great care to keep this true and uniform.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

Hanson.—A fine, large-heading variety. Leaves curled on the edge; light yellowish-green in color. The head is crisp and brittle and of excellent flavor.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Iceberg.—A large, crisp lettuce, always tender, stands hot weather remarkably well; give each head 14 inches in the row. The color is light green, lightly tinged with brown.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.



Hopkins' Big Boston

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

LETTUCE—Continued

Improved Salamander.—One of the most popular and best all-season heading sorts. The leaves are thin, tender and buttery. The quality is all that could be desired. Heads medium to large size and quite firm. One of the best to use throughout the season. Our strain of this popular variety is unsurpassed.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Los Angeles, Wonderful, or New York.—Very large and solid. The inner portion is a beautiful white, the outer leaves dark green. Does remarkably well through the summer months.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

May King.—A medium-sized, light green, very early heading sort, which does exceedingly well either for an early outdoor crop or for forcing under glass.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Parls White Cos.—This variety is lighter in color than Trianon. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Prize Head.—One of the very best loose-bunching or non-heading varieties. Leaves brown, very curly and of remarkably fine flavor. Grows quickly, and all except the outer leaves are very brittle. It is probably the most easily-grown lettuce in cultivation.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Silesia Early Curled.—A loose-leaved curled variety, similar to Black Seeded Simpson. It matures somewhat earlier.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Simon's Cabbage Head.—This is one of the finest varieties of lettuce ever offered, and is superior to Big Boston in many ways. It does not scald in the heart and does not turn red from cold. It is just as large and firm as Big Boston, and is a little lighter in color. Some market gardeners grow it throughout the season, but we especially recommend it for spring and fall use. If you have been using Big Boston, try this, for it will surely please you.

SPECIAL SELECTED STOCK

Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00; 10 lbs., \$48.50.

REGULAR STOCK

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$24.00.

Simon's Dutch Butter.—A selection from Philadelphia Dutch Butter. Heads are larger and it heads up more uniform. The leaves have fewer spots on them. We have taken extra pains to have this important variety bred up to its present standing, and feel confident that the strain we offer is as good as can be produced.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$24.00.

Simon's Hot Weather.—We have found this to be absolutely the best firm-heading lettuce to grow through the summer months. It will not scald or burn and will make a head when other varieties fail. It somewhat resembles Salamander in character of leaf, color and size, but the head is more compact, and it will stand longer before bolting to seed. It is practically all head, having very few outer leaves. It heads up quickly, making it valuable for an early crop. After repeated trials we have found it to be the best smooth-leaved, firm-heading, all-season variety.

We could print hundreds of testimonials if space would permit.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Trianon Light Green Cos.—An upright, quick-growing sort, self-blanching, large, very crisp and of superior flavor. This is the best of the Cos varieties.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

Trianon Dark Green Cos.—Same as Trianon Light Green, except that it is dark green in color.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Unrivalled.—A popular sort for cold frames and for early spring and fall planting in the field. Resembles Big Boston, but does not turn red.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

MUSK MELON

*Green-Fleshed x Salmon-Fleshed

German, Melone.
French, Melon.

Italian, Melone, Popone.
Spanish, Melon, Muscatel.

Cultural Directions.—Melons do best in sandy soil or sod land; the ground should be made rich. The hills should be four to six feet apart with ten to twelve seeds in each hill. Put the seeds an inch deep and when danger of frost is over thin to four good plants to a hill. Cultivation should be kept up as long as possible. One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June.

X Banana.—Fruit fifteen to twenty inches long by four to six inches thick. Skin light yellow and smooth. Flesh deep yellow. Has an odor similar to a banana.

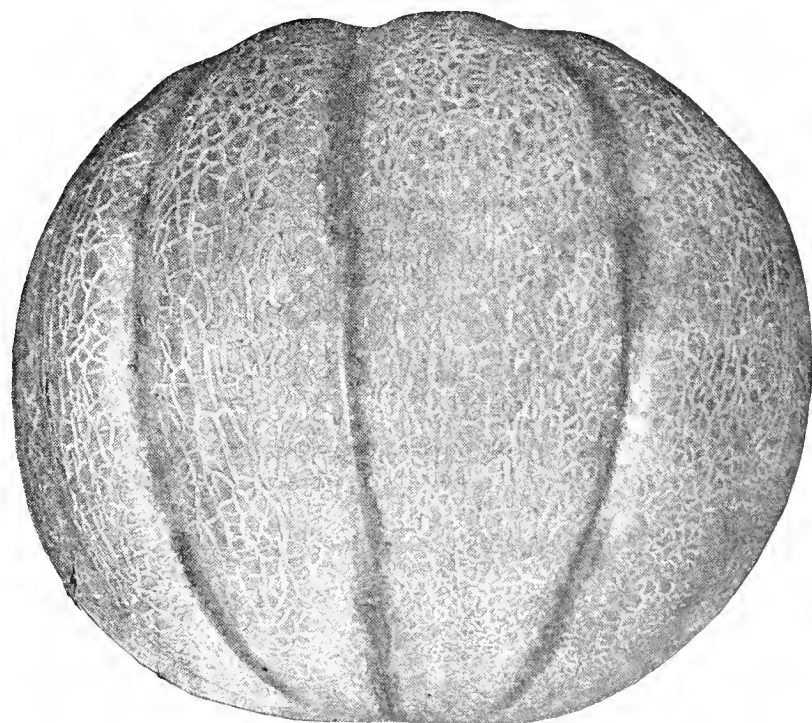
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Bender's Surprise (The Bender Melon).—A very popular variety in the east, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.



Simon's Cabbage Head



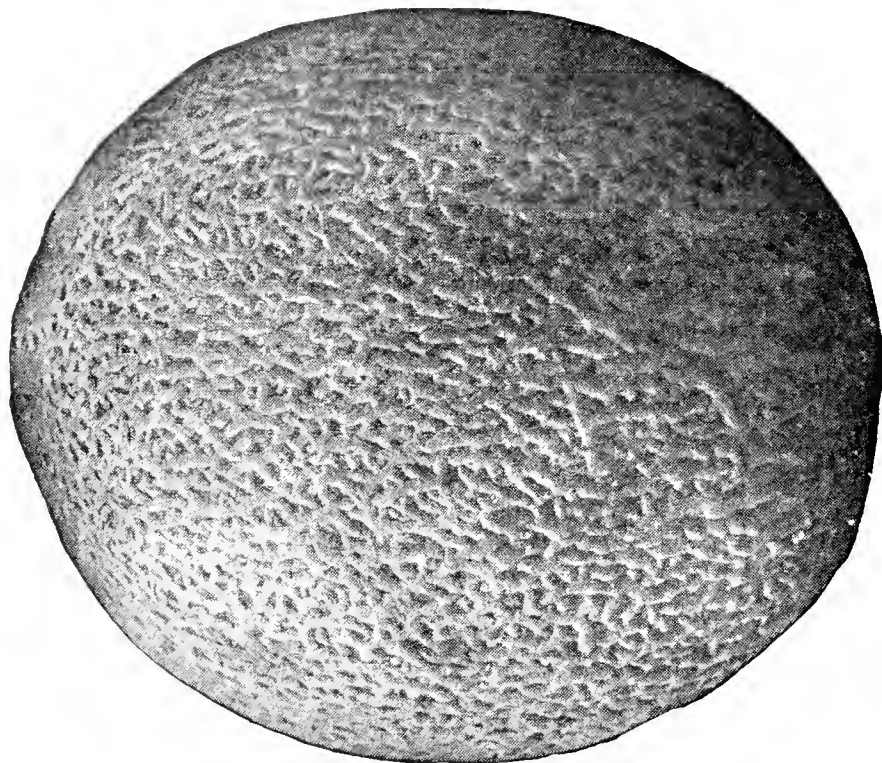
Bender's Surprise

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

MUSK MELON—Continued

* **Green-Fleshed.**

X Salmon-Fleshed.



Delicious

* **Bottomly.**—On the order of Early Knight, which it resembles, although about ten days later in maturing. Oblong in form, distinctly ribbed and heavily netted; flesh green and exceedingly sweet. Recommended as being more disease resistant than other types; productive.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

* **Delicious.**—The shape is ideal, very slightly oval, no ribs, and it is heavily netted over the entire melon. The melon is thick meated, fine grained and sweet; color green, with a gold margin next to the seed cavity. The flesh is attractive and elicits favorable comment when served. An excellent shipping melon.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Edwards' Perfecto.—A very superior type of the Rocky Ford melon, having a deeply tinted salmon flesh, an exceedingly small seed cell, a firm, hard gray netting and excellent shipping qualities.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Emerald Gem.—A splendid early variety, coming in just ahead of Rocky Ford; fruit emerald green in color; globular or slightly flattened, irregularly ribbed and lightly netted; flesh very thick, of a deep rich salmon color, and having an exceedingly small seed cavity.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Fordhook, or Yellow-Fleshed Jenny Lind.—Very similar to Jenny Lind, except that the flesh is orange instead of green. The flesh is deep and of the finest flavor. It is well ribbed and heavily netted; seed cavity small.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Golden Honey Dew.—This grand new melon is a sport from Honey Dew, which it resembles except in color. The flesh is a rich golden instead of light green, very sweet, keeps a long time and by many is considered superior to the green-fleshed variety.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

* **Hackensack, Extra Early.**—The fruit is medium size, nearly round, deeply ribbed, with very coarse netting.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

* **Hackensack, or Turk's Cap.**—Fruit very large, nearly round, sometimes a little flattened; ribs large and of irregular width, densely covered with coarse netting; flesh green, thick, coarse, but very sweet and finely flavored.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Hale's Best.—This is a new variety and originated in the Imperial Valley in California. It is a remarkably early melon of very fine flavor. The salmon flesh is exceptionally thick with very small seed cavity. The fruits are oval, about 8 by 4 $\frac{1}{2}$ inches, with a heavy netting and ribs hardly apparent. Hale's Best will be of real value as an early shipping melon.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Hearts of Gold, or Hoodoo.—A new orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight-resisting and very productive. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Rind thin, yet very firm, so that the melons arrive in perfect condition in distant markets. Flesh thick, firm, highly colored, of fine texture and delicious flavor. One of the best market melons offered today.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

* **Honey Ball.**—A Miniature Honey Dew in appearance, possessing the yellowish-white, smooth rind and silvery-green flesh of that variety; differing in being earlier and about the size of Rocky Ford.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

* **Honey Dew.**—The delicious honeylike flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing eight to ten pounds each. The rind is perfectly smooth and cream colored. The flesh is from one and one-half to two inches thick, light green in color, very sweet and juicy.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

X Honey or Sugar Rock.—A rather new melon originating in Indiana and acquiring immediate popularity on account of its high quality. Of medium size with a gray-green skin moderately covered with a heavy, coarse netting; rich salmon flesh.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

X Irondequoit.—Nearly round, flattened at the ends and netted. Flesh orange yellow, thick, sweet and of fine flavor. Quite early and grows to a good size. Very popular in market and fine for the home garden.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

* **Knight, or Maryland.**—An extremely early medium sized melon of the Acme type. Fruit oblong, showing the neck tendency of its parent; skin deep green, turning to golden at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color medium green blending to light pink near the center. The earliest high quality melon for the far north and a good shipper.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.



Knight, or Maryland

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

MUSK MELON—Continued

* Green-Fleshed.

X Salmon-Fleshed.

X Lake Champlain.—An exceedingly early salmon-fleshed Melon of medium size and fine quality, evidently a cross between Fordhook and Emerald Gem as it has a tendency to produce Melons resembling both types. We do not recommend this as a shipping Melon as it ripens up quickly, but it is an excellent sort for local markets as it is very early, good size and it is of excellent quality.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

*** Large Jenny Lind.**—Fruit medium to large size, somewhat flattened, deeply ribbed and heavily netted. It ripens early and the quality is excellent. We offer a very fine strain grown in New Jersey.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

*** Netted Rock, or Eden Gem.**—This is one of the leading musk melons of the Rocky Ford type. It is of medium size, nearly round in shape, very heavily netted and slightly ribbed, the netting covering over the grooved portion. The flesh is extremely thick, seed cavity small, making it very heavy for a melon of its size. It is medium early and very prolific. The vine is vigorous and will resist blight better than most varieties.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Osage, Extra Early.—A week to ten days earlier than the old type Osage, and nearly as large; flesh very thick, salmon colored and of high quality. Form, color and general appearance similar to Osage. One of the very best melons we offer.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Osage, or Miller's Cream.—Fruit medium size to large, nearly round, slightly ribbed, dark green, almost smooth. Flesh very thick, deep salmon and of the finest quality.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Pollock's No. 10-25.—Best described as a salmon tinted Rocky Ford, being identical in every way except color of flesh, which is a light salmon in color at the center, shading into a light green midway to the rind. It is rapidly superseding the green fleshed variety in the large melon growing districts of the South and West.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

*** Rocky Ford.**—We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy, hard gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipping sort.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

X Tip-Top.—Fruit large size, nearly round, slightly ribbed and covered lightly with shallow netting. Skin cream-colored, flesh thick, deep yellow and very luscious.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.



Honey or Sugar Rock

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

WATERMELON

German, Wassermelone.
French, Melon d'Eau.Italian, Melone d'aqua.
Spanish, Zandia.

1 oz. for 30 hills; 4 to 5 lbs. in hills for an acre.

Cultural Directions.—Watermelons require a rich though rather sandy soil for best development, and thrive best in warm latitudes, although in warm, sandy soils in this latitude fine crops are also obtained. Cultivate exactly as for Muskmelons, except that the hills should be eight feet apart.

Branch's Improved Georgia Rattlesnake.—The best strain of Rattlesnake. The quality and flavor is excellent. The rind is thin but tough, making it a good shipper. Flesh deep scarlet, sweet; shape oblong, striped and mottled with various shades of green.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Dark Icing.—Skin dark green, indistinctly veined with a lighter shade. Fruit almost round.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Excel.—This is the largest shipping melon yet produced, of good flavor, strong tough rind, and solid, firm, crisp flesh that will carry to any market and keeps well. Similar in shape to Tom Watson, but thicker. Color is dark green with wide bands of darker shade, uniform in colors.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Florida Favorite.—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Fordhook Early.—This is the earliest large-fruited melon. Nearly round in shape, rather short and blocky; skin dark green with an occasional lighter stripe. While the rind is thin, the skin is tough, making it a good shipper. Flesh bright red and of good quality. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Golden Cream.—This is quite distinct from other varieties, as the flesh is yellow instead of red or pink. It is of oblong shape, medium size with dark green skin. The quality is excellent.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Gray Monarch, or Long Light Icing.—Skin mottled very light green. Fruit long and of excellent quality.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Halbert Honey.—Fully equal in quality to Kleckley's Sweet, which it resembles. It is more even in outline, is more blunt at the end, and the skin is of a richer, darker color.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Irish Gray.—The melons are long and grow very large. The color is gray-green without distinct markings. The shell or rind is tough and firm so the melons stand shipping well. The flesh is bright red, very sweet and of very high quality for so large a melon. The seeds are brown.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Kleckley's Sweet, or Monte Cristo.—This very popular melon is one of the best for nearby markets. Fruit is medium size, oblong, of a dark green color, and has very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Round Light Icing.—Medium size, round, very light green, veined and mottled with slightly darker green. Rind thin, flesh very sweet and of the finest quality.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Stone Mountain.—A new round variety which is becoming quite popular throughout the South. It is also catalogued under the name of "Lipsey" and "Dixie Bell." It is light green in color; flesh a beautiful deep crimson without any white hearts or stringiness and of excellent quality. The average fruit weighs about 40 pounds. The rind is too tender to permit long distance shipping, but for the garden or local market it has no equal.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Tangerine.—Fruit oval, with mottled stripes of light and dark green. Flesh deep pink. Rind brittle, and when broken, rind separates from flesh similar to an orange or tangerine. Delicious flavor.
Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Thurmond Gray.—A new greenish Gray Melon, grows very large, does not sunbake easily, and the best shipper that grows. The flesh is bright red, finely flavored, solid and sweet. On account of its color, large size and fine eating qualities it is a decided improvement on the regular Irish Gray.
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

WATERMELON—Continued



STONE MOUNTAIN

See page 23 for description.

Tom Watson.—A large long melon with dark green rind and light crimson flesh of excellent quality. It is a splendid shipper and is being grown extensively in the South for Northern markets. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Wondermelon (Imp. Kleckley's Sweets).—A large, oblong melon with a thin dark rind and showing faint tracings or indentations running the length of the melon. Resembles Kleckley's but with no tendency toward pear-shape. Also known as White Seeded Kleckley. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Citron for Preserving.—Fruit small and round. Flesh white and solid. Not used for eating in the raw state, but for preserving, pickling, etc.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

MUSTARD

German, Senf.

French, Moutarde.

Italian, Mortarda.

Spanish, Mastaza.

Cultural Directions.—As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals throughout the spring, in drills 8 to 12 inches apart. One ounce will sow 75 feet of drill.

Chinese, Elephant Ear.—A very vigorous sort; leaves light green, smooth, about twice the size of White London, and of sweetly pungent flavor; seed reddish brown.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Florida Broad Leaf.—Leaf smoother and broader than Chinese. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Fordhook Fancy.—The dark-green leaves of this variety are more curled on the edges than any other sort, making most attractive greens.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Giant Southern Curled.—Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Japanese Mustard Spinach.—A quick growing vegetable of Oriental origin. Can be cut 4 weeks after planting. The large oblong leaves are dark green in color and are cooked and prepared for the table the same as Spinach and Turnip or Mustard greens. Will stand extreme summer heat and is resistant to cold. Also known as TENDERGREEN.

Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$7.00.

Ostrich Plume.—Plants vigorous; leaves dark green, which curve outward like a fine ostrich plume.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

MUSHROOM SPAWN

Postage extra. Consult "Postal Directions" on Inside front cover.

Pure Culture.—Proven the best by test. Bricks weighing about $1\frac{1}{2}$ pounds each 25c.; 10 bricks \$2.25; 100 bricks \$20.00.

Ask for Culture Leaflet; gives complete instructions.

OKRA OR GUMBO

German, Okra.

French, Gombo.

Italian, Ocra.

Spanish, Quimbombo.

Cultural Directions.—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

One ounce will plant 100 hills.

Dwarf Green Long Pod.—Plants two feet high, of stocky growth and very prolific. Pods long, dark green, and matures early. The best green podded variety.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Kleckley's Favorite.—Height two and a half feet. Pods five inches long, smooth, white, tender and quite fleshy.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Perkins' Long Green.—Height three to four feet. Pods deep green, long and slender. Very productive.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

White Velvet.—Plant of rather tall growth, bearing a large crop of white smooth pods.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

ONION

German, Zwiebel.

French, Oignon.

Italian, Cipollo.

Spanish, Cebolla.

Cultural Directions.—The Onion thrives best in a rather deep, rich loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake and tread it firmly; sow thinly in drills about one-fourth of an inch deep, 1 foot apart; cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough thin gradually so that they stand 3 or 4 inches apart.

Onion sets are planted early in the spring to produce an onion earlier than from the seed.

One ounce of seed is sufficient for 100 feet of drill, 5 to 6 pounds for one acre. One quart of onion sets will plant 50 feet of drill.

Ailsa Craig.—The great English exhibition onion. It is globe-shaped, slightly pointed at the top and base, color straw yellow. It grows to gigantic size. Specimens have been grown to weigh three pounds each. For best results seed should be sown under glass and transplanted six inches apart in the row where they are to grow. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25; 10 lbs., \$21.50.

Australian Brown.—Bulb flattened, but thick through, skin reddish brown. It is very early and an excellent keeper.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

Bermuda Crystal Wax.—A pure white, flat onion, largely grown in Texas for the early Northern market.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 10 lbs., \$27.50.

Bermuda White.—Very similar to Crystal Wax, except the skin is straw color.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

Extra Early Pearl.—Bulb small, skin white, flesh mild. It matures very early.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

Japanese Bunching (Hardy).—Produces single long white tender stalks similar to White Welsh, but thicker and longer. The flavor is quite mild. Best for trenching. It may be used to advantage in place of White Welsh, White Bunch or White Lisbon for green bunching onions.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

Japanese, or Ebenezer.—A very fine round, yellow onion that will keep all winter and is of mild, pleasant flavor. The seed is used principally for raising sets, which when set out the following spring produce large, handsome, ripe onions in July.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

ONION—Continued

Mammoth Silver King.—A very large pure white onion, with flattened form, but quite thick through. Skin silvery white, flesh pure white, mild and fine flavor. Should be planted early, as it requires the whole season for it to mature.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

Ohio Yellow Globe.—This variety originated in Ohio, where it has long been considered one of the best of Globe Onions. The color is a handsome bright yellow and it has a very small neck, ripening down evenly. It ripens early, flesh firm and is an excellent winter-keeping sort.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.00.

Prizetaker, or Mammoth Yellow Spanish.—A very handsome onion of the largest size and nearly globular. Skin yellow, flesh white and very mild. To grow them to the largest size, seed should be sown in March in hotbeds and transplanted outside as soon as weather will permit.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 10 lbs., \$18.50.

Queen.—An extra-early, white-skinned sort of special value for pickling.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

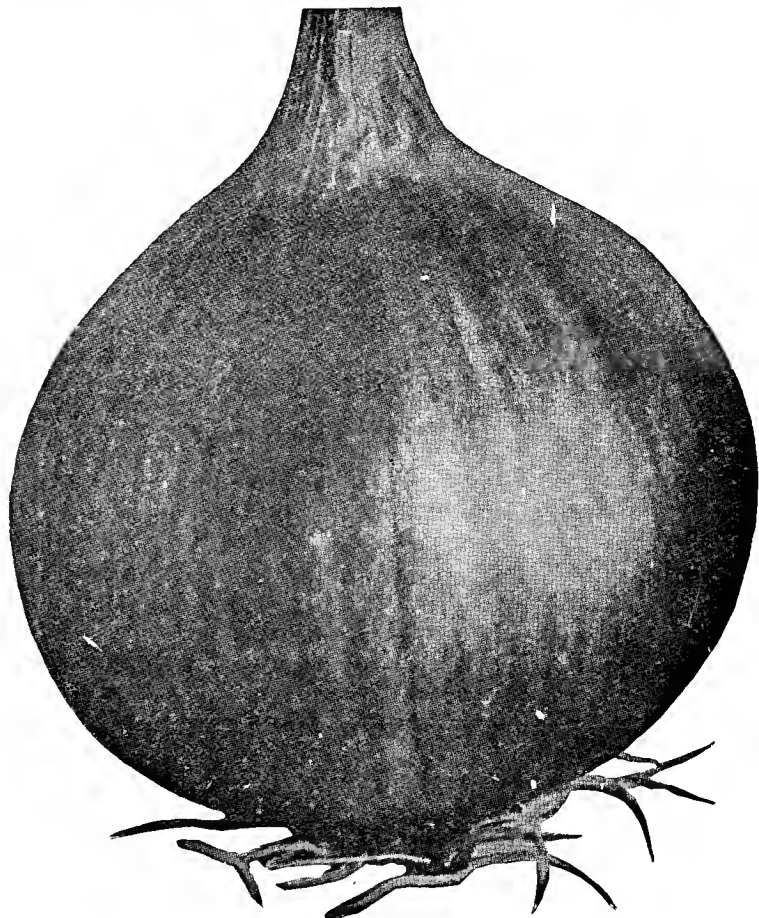
Riverside Sweet Spanish.—A very large globe-shaped, light yellow Onion with small top and an exceptionally fine shipper.

It is a Spanish variety resembling Prizetaker, which has quickly become very popular.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 10 lbs., \$25.00.

Southport White Globe.—Large, globe-shaped bulbs of a pearly white color. The flesh is firm, fine grained and of mild flavor. Used extensively for a green bunch onion, for which it is admirably adapted on account of its strong top and handsome shape. One of the best and most popular sorts.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.



Southport White Globe

Southport Red Globe.—Large, globe-shaped bulbs, small neck and of a rich, deep red color.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.85; 10 lbs., \$17.00.

Southport Yellow Globe.—Large, globe-shaped bulbs of a rich yellow color.

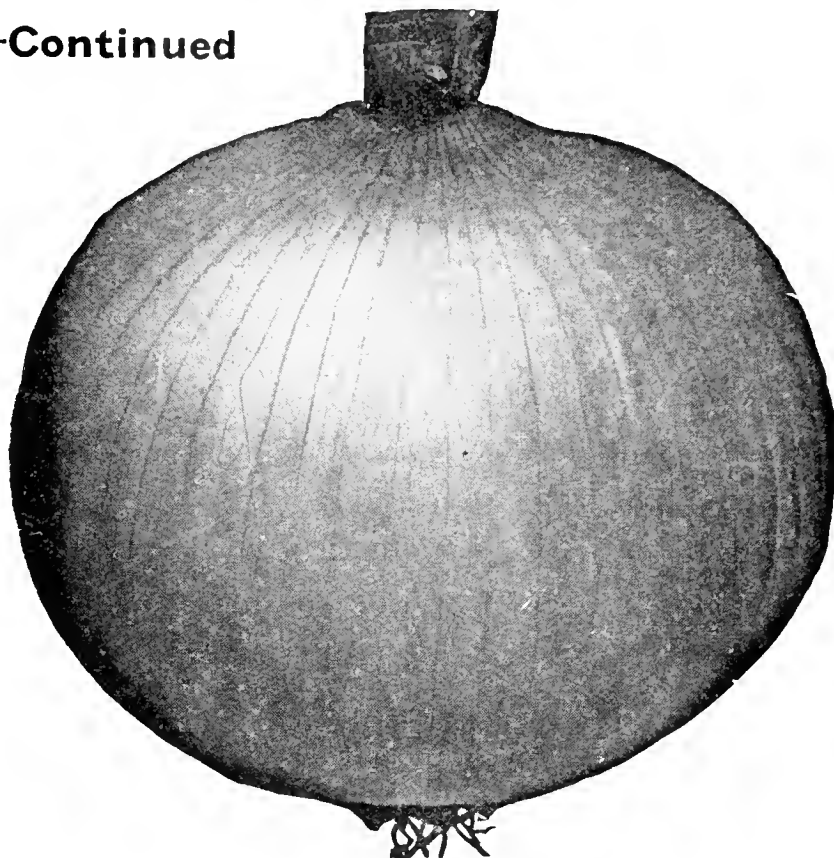
Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.00.

Wethersfield (Large Red).—Bulb large, flattened, yet quite thick, skin deep purplish red. Good keeper.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

White Bunch.—The earliest and best shaped Onion for early bunching; small bulbs, thick neck, skin pearly white. Best when used as an early crop.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.60; 10 lbs., \$24.50.



Prizetaker

White Welsh (Hardy).—A very hardy sort which is used as a bunch onion. Seed should be sown in spring or early summer. They will then make fine thick stalks for the following spring. Seed can be sown in August, but it is not as satisfactory. It produces a large white stalk, but does not make a bulb.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

White Portugal, or Silver Skin.—Bulb flattened, thick through, skin clear white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green bunch onions.

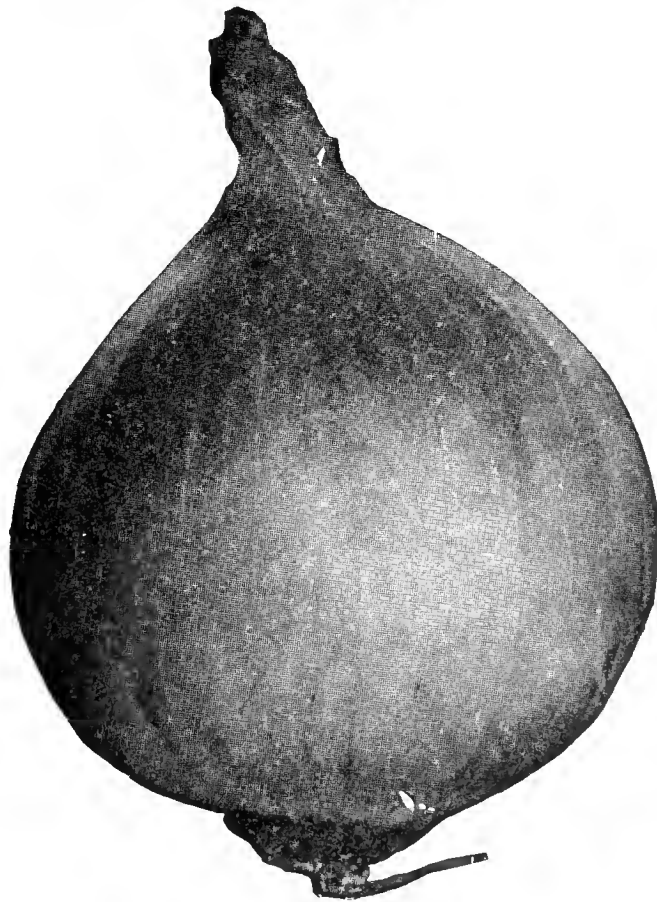
Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 10 lbs., \$21.00.

Yellow Dutch, or Strasburg.—Bulb flat, medium thick through, skin yellow. It is grown extensively for raising sets and is the best yellow sort for this purpose. Excellent keeper.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60; 10 lbs., \$15.00.

Yellow Globe Danvers.—Nearly globe-shaped, yellow skin, small neck and good keeper.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.00.



Southport Yellow Globe

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

ONION SETS

Plant according to cultural directions given for onions on page 24.

Postage extra. Consult "Postal Directions" on inside front cover.

One quart of sets weighs one pound. Legal weight of onion sets 32 pounds per bushel.

Write for prices on 10 bushels and upward.

Egyptian, or Perennial.—Qt., 15c.; 4 qts., 50c.; pk., 90c.; bu., \$3.00. Can only supply from August 1st to November 1st.

Japanese or Ebenezer.—Qt., 20c.; 4 qts., 65c.; pk., \$1.20; bu., \$4.00.

Red Wethersfield.—Qt., 20c.; 4 qts., 65c.; pk., \$1.20; bu., \$4.00.

White Portugal or Silver Skin.—Qt., 25c.; 4 qts., 75c.; pk., \$1.35; bu., \$4.50.

Yellow Danvers.—Qt., 20c.; 4 qts., 65c.; pk., \$1.20; bu., \$4.00.

Yellow Potato or Yellow Multiplier.—Qt., 30c.; 4 qts., 90c.; pk., \$1.50; bu., \$5.00.

Yellow Strasburg.—Qt., 20c.; 4 qts., 65c.; pk., \$1.20; bu., \$4.00.

PARSLEY

German, **Petersille.**

French, **Persil.**

Italian, **Prezzemolo.**

Spanish, **Perejil.**

Cultural Directions.—Because of its pleasant flavor, the leaves of Parsley are used extensively. The seed germinates very slowly. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 150 feet of drill.

Champion Moss Curled.—A compact growing variety. Leaves well curled and of a dark green color. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Extra Double Curled.—Leaves extra curled, dark green color. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Hamburg Long Rooted.—Grown for the roots, which are about 1 inch in diameter by 8 inches long. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Hamburg Short Thick, or Parsnip Rooted.—Grown for the root, which resembles a parsnip in shape and color, although smaller. Foliage nearly same as plain parsley. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Market Gardeners' Perfection.—The best double curled parsley. Extra curled, very dark green color, strong grower and quite hardy. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

Plain, or Single.—Leaves flat, deeply cut, but not curled, dark green and very hardy. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.



Market Gardeners' Perfection

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

PARSNIP

German, **Pastinake.**

French, **Panais.**

Italian, **Pastinaca.**

Spanish, **Pastinaca.**

Sow in April or early in May, as Parsnips require a long season to mature. Their cultivation is the same as directed for Carrots. They may be dug in the Autumn and stored for Winter use, but if left in the ground till the following Spring, they are very much improved in flavor. Sow a liberal quantity of seed, as it naturally does not come up well.

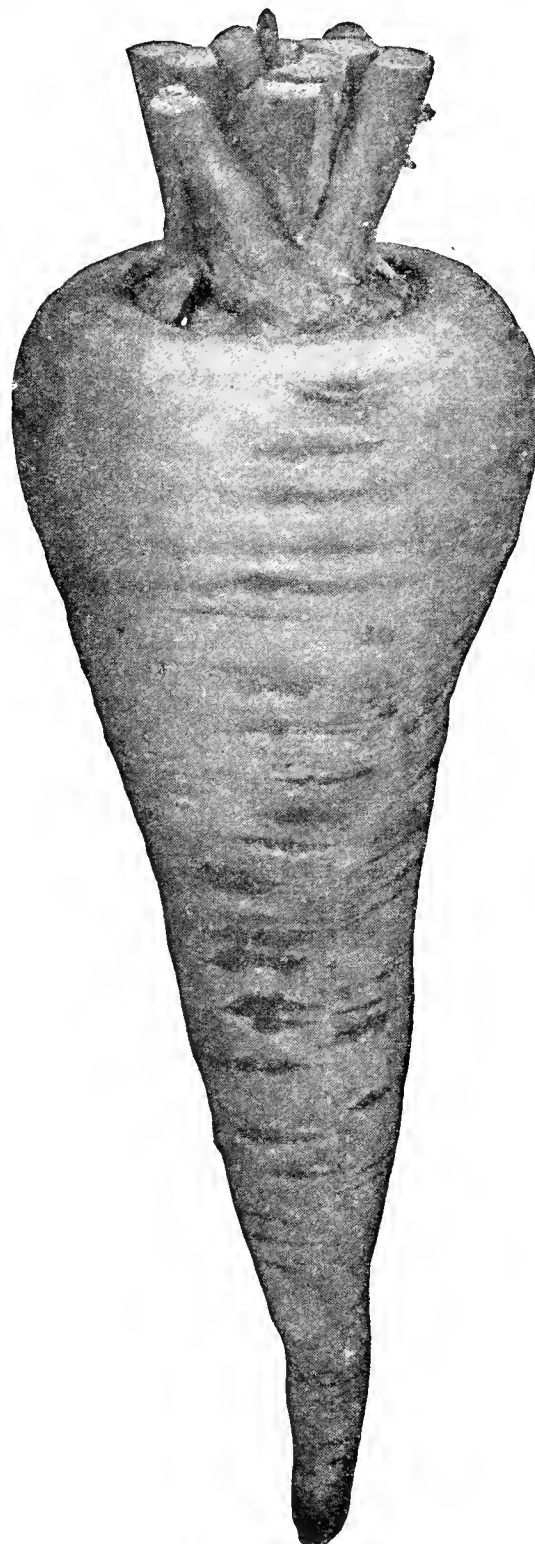
One ounce will sow 100 feet of drill. Five to six pounds to the acre.

Guernsey Hollow Crown, or Student.—Medium length, smooth and white. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Long Smooth Hollow Crown.—Larger than our Perfection strain and thicker through. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Perfection Hollow Crown.—This is the handsomest parsnip grown. Roots half long, thick through, perfectly smooth, clean skin and of a pure white color.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.



Perfection Hollow Crown



PEAS
Early Varieties



German, **Erbesen.** Italian, **Pisello.** French, **Pols.** Spanish, **Gulsante.**

Cultural Directions.—Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not so hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown for market, peas are rarely staked; in small gardens grow in double rows, 12 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

Two pounds will plant 100 feet of drill; 120 pounds for an acre. For postage on 5 lbs. and over, consult inside front cover.

Alaska, or Earliest of All.—A very popular variety extensively grown for canning. It is the first to mature; height two and a half feet. Pods short but well filled; very prolific. Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Alaska Large Podded.—Pods are broader and longer than Alaska; vines a little taller. Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.



PEAS—Continued

Early Varieties



For postage on 5 lbs. and over, consult inside front cover.

Ameer.—A very prolific, extra early sort, producing medium-sized, dark green pods. Height three feet.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

American Wonder.—A dwarf, early wrinkled sort; pods short but well filled, quality excellent. Height one foot.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Blue Bantam.—A new dwarf, extremely early variety, very productive, bearing on 15-inch vines many large, well-filled pods of luscious deep green peas, fully as large as Gradus, numbering eight to ten peas to a pod. This pea matures as early as American Wonder and is destined to become a great Market Gardeners' variety.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Bird.—An exceptionally early, hardy, productive, handsome pea. Height 16 inches. Vine and foliage moderately heavy, medium green; pods deep green, 4 inches long, semi-broad, pointed and well filled with 8 to 9 very large, dark green peas. As early as Laxtonian and more productive; seed blue, semi-wrinkled; quality fair.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Early Dwarf Giant.—The earliest large podded dwarf sweet pea. Height 18 inches. In season four days earlier than Laxtonian. Pods 4 inches long, broad and pointed, deep green in color, containing 8 large, dark green peas of high quality.
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

First and Best.—An extra-early, very productive variety, pods short but well filled. Height, two and a half feet.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Gradus, or Prosperity.—A very popular, large-podded wrinkled variety. Matures just after the extra-early varieties, and produces a good crop of pods four inches long, providing it is planted on light, warm, rich soil, but very disappointing under adverse conditions. The quality is excellent. Height, three feet.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Grand Monarch.—This is without question the best extra-early pea for Market Gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, three feet.
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

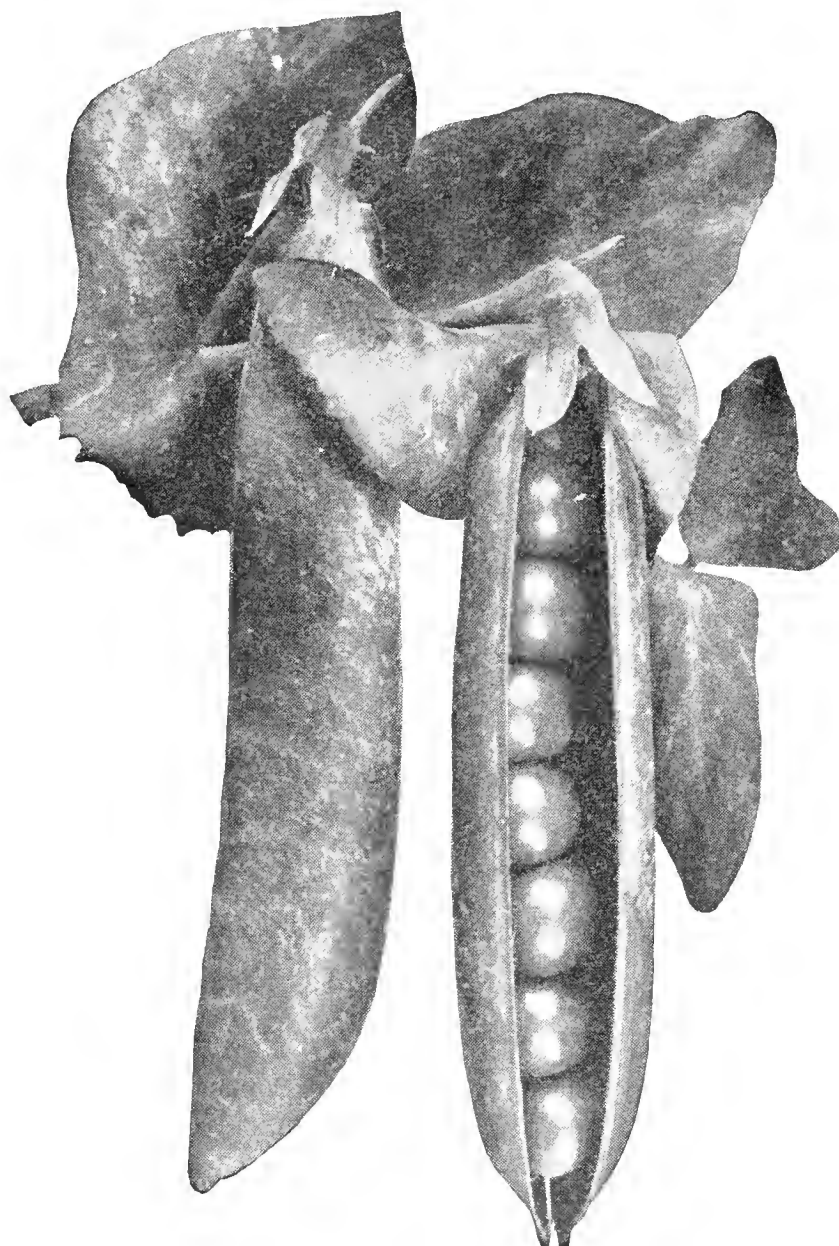
Hundredfold.—One of the best of the Laxtonian types; vine 16 inches high, sturdy, dark green and productive; pods dark green, 4 inches long, fairly broad and pointed, containing 8 large, dark green peas; excellent quality.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.]

Laxtonian.—The vines grow eighteen to twenty inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of that variety.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Laxton's Progress.—Season same as Laxtonian, vines 20 inches, pods 4 inches, dark green, containing 8 peas. One of the best.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Little Marvel.—Vines 15 inches, producing an abundance of pods frequently borne in pairs which average 2½ inches. Pods are dark green, well filled with peas of excellent quality.
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Nott's Excelsior.—A medium-early wrinkled sort of dwarf habit. Pods are numerous and well filled, being quite broad. The quality is pronounced the best of any. Height, fourteen inches.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.



Early Dwarf Giant

Peter Pan.—One of the very finest of the large podded, dwarf peas, on the order of Laxtonian, though somewhat earlier. Height, 15 inches. Vine and foliage stout, heavy and dark green; pods 3¾ inches long, very broad, straight and pointed, containing 6 to 8 large, dark green peas of superb quality.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Pilot.—A few days earlier than Gradus, with a larger pod. Height, three feet. As the seed is almost smooth, it can be sown with the Extra Earlies.
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Premium Gem, or Little Gem.—Hardy, prolific, uniform in habit of growth. Pods medium size and well filled. Medium early. Height eighteen inches.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Simon's Selected Extra Early.—The best of the white-seeded, extra-early sorts. For earliness and purity it is without a rival. Pods short but well filled. Height, two and a half feet.
Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Sutton's Ideal.—An English variety, said to be an improvement on Thomas Laxton. Height 2½ feet. Vine and foliage moderately heavy, medium green; pods medium green, 3½ inches long, broad, thick and "stubby" appearing, square ended pods contain 7 medium green peas of best quality; fairly productive and in season, slightly earlier than Thomas Laxton.
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.



PEAS—Continued

Early Varieties

Late Varieties

For postage on 5 lbs. and over, consult inside front cover.

Sutton's Excelsior.—Pods three inches long, broad, straight, well filled to the point. Quite prolific, medium early, height, fifteen inches. Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Thomas Laxton.—Closely resembles Gradus in habit, earliness and rapidity of growth. The pod is a trifle shorter, darker green and blunt on the blossom end. Very popular and one of the best second earlies. Height, three feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

World's Record.—An improved type of Gradus, being slightly earlier, more dwarf, true to type and productive. Height 2 feet. Vines moderately stout, medium green; pods medium green, 4 inches long, very broad, pointed and well filled with 7 to 9 very large, dark green peas of exceptional quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Second Early and Late Varieties

Alderman.—Pods very large and of a dark green color. Height four feet. Quite late.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Bliss' Everbearing.—Height, two and one-half feet. The pods are broad and borne at the top of the vine. The peas are large and of a superior flavor.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Carter's Daisy or Dwarf Telephone.—A most desirable sort on account of its size, beautiful shape and fine quality. Pods broad and of a pale green color. Height, twenty inches.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Champion of England.—An old sort, still popular on account of the large, sweet, tender peas. Pods three inches long and quite broad, vine vigorous, growing from four to five feet high.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Dwarf White Sugar.—Height 2 feet. Vine fairly heavy, light green; pods light green, 2¾ inches long, pointed, and narrow as compared with Mammoth Melting Sugar; 6 light green peas to pod; quite early.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Giant Luscious Sugar.—A new edible pod sort producing large pods of excellent quality. Seeds brown, blossoms purple.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Gollath.—This new variety produces the largest pods of any variety known to us. They frequently measure seven inches and contain ten to twelve large dark green peas of excellent quality. Pods dark green, vine five feet. Season same as Telephone.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Improved Stratagem.—Pods large and peas of excellent quality. Height, twenty inches.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Melting Sugar.—This variety is used the same as a snap-bean, both pod and pea being eaten. The pods are large, extremely tender while young, finely flavored and borne in great profusion. Seed white. Height, four to five feet.

Pkt., 10c.; lb., 40c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Potlatch, or Big Dinner.—One of the best second early, large podded, dwarf, wrinkled sorts. The pods are large, of a rich dark green color and the quality is excellent. Very prolific. Height, two feet.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

President.—Vine 20 to 22 inches high, bearing straight, dark green, pointed pods in profusion, which measure 4½ to 5 inches in length, well filled with sweet flavored Peas; ready for picking 5 days after Laxton's Progress, which makes it most valuable to plant along with this variety.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Prince Edward.—A grand new late sort, producing very large, handsome, dark green pods, filled with eight to ten large, luscious peas. Pods frequently measure six inches long. Height, five feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Superior.—A very distinct and valuable mid-season variety, coming in just ahead of Telephone. A heavy cropping Pea, 3 feet in height, with vigorous, strong, medium-green foliage. Pods are 4 inches long, large, broad, straight and blunt ended, containing 6 to 8 deep green peas of superior quality. An excellent variety for canning. One of the best recent introductions.

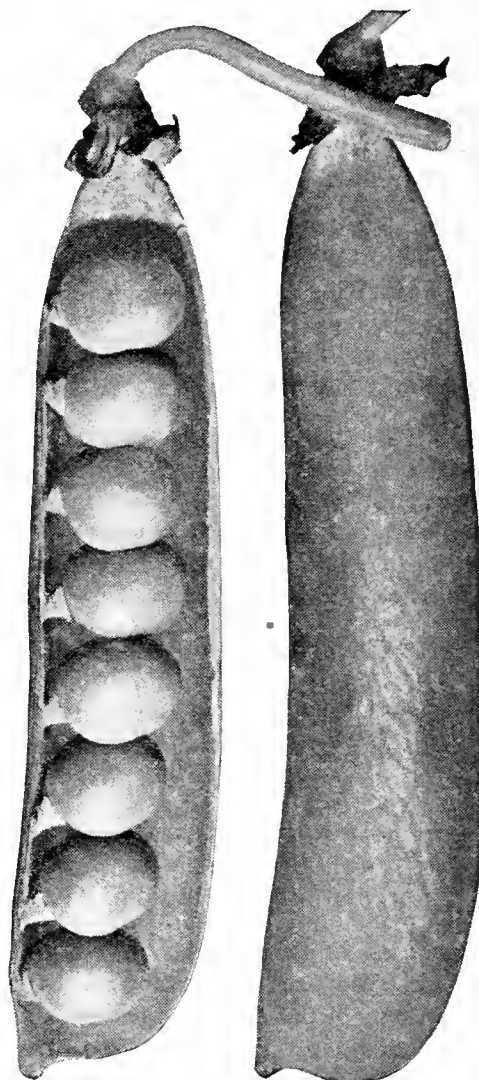
Pkt., 10c.; lb., 35c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Telephone.—An old, popular variety, producing very large pods of a medium green color, filled with large peas of the very finest quality. Height, three and a half feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Yankee Prince.—The king of the second early large-podded wrinkled sorts of the Telephone type. Remarkably healthy, vigorous and productive. Pods of the largest size frequently, six inches in length, straight, round at the point, deep green in color and most beautifully shaped, well filled with large peas that are deep green in color and of the richest flavor. Height, four feet. We claim this to be the best of its class.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.00; 100 lbs., \$17.00.



Superior

What Our Customers Say

Mrs. T. H. Queale, Farmdale, Ohio, writes:

The Yankee Prince Peas have won such great favor among the people here that several wanted me to order for them, so you will find enclosed check for \$2.20 in order to send 10 lbs. of Yankee Prince Peas. Received my seeds today and they are O. K. Thanking you for your promptness.

Wm. Stinger, 2408 Golf Ave., Phila., Pa., reports:

Your Yankee Prince Peas are excellent, and produced seven half bushels of large podded peas from 1 quart of seed. One of the vines measured seven feet in length.

Quality Gardens, Connecticut, writes:

Seeds in three parcels arrived O. K. yesterday A. M. with no errors nor omissions. You surely are to be congratulated upon the extraordinary promptness with which you fill orders. In this case you have even broken your own (previous) records. From the time our order left local P. O. till the seeds were deposited in same office was only forty-nine hours—certainly an enviable record. It goes without saying that it is a pleasure to deal with such a firm. You will find enclosed check to cover postage due.

A. R. Beckeler, New Jersey, writes:

I received my order of seeds which I ordered Feb. 29th, today, March 2nd. I got everything all O. K. It sure was packed fine and such quick service as your firm gave the order is surely something to be well proud of, and I hope to next year be able to send a very much bigger order. Thanking you very much for your quick service and wishing your firm every success.

F. Rasco, Pennsylvania, writes:

Please forward me seed catalog. Your seeds have proved the best by test in the last five years.

PEPPER

German, **Pfeffer.**
French, **Piment.**

Italian, **Peperone.**
Spanish, **Pimiento.**

One ounce will produce about 2000 plants.

Cultural Directions.—Sow in hotbed from February to April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

Anahelm Chill.—Fruit six inches long by one and one-half inches thick at the stem end, tapering to a point, color brilliant scarlet; flesh mild.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

California Wonder.—This new variety resembles Chinese Giant in shape, but has much thicker flesh. The fruit will average 4 inches in diameter at the top, tapering slightly. It matures its fruit somewhat earlier than Chinese Giant and is very prolific. Color glossy dark green, turning to crimson.

Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Chinese Giant.—Plant dwarf, fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Finger or Long Hot.—Fruit 6 inches long by $1\frac{1}{2}$ inches thick at the stem end, very prolific and hot. Grown quite extensively by the Italians in Southern New Jersey.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Harris' Earliest.—An extra early bell shaped variety, resembling Bell or Bull Nose in shape, but somewhat smaller in size. The plants are of dwarf compact growth and produce an enormous crop of fruit which are perfectly mild. They are ready for market fully ten days ahead of Bull Nose.

Pkt., 10c., oz., 35c., $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Harris' Early Giant.—The earliest and most prolific of the large Peppers and a real acquisition. It matures its fruit but slightly later than Harris' Earliest and is of dwarf compact growth.

Fruit scarlet, measuring 5 inches in length by $3\frac{1}{2}$ inches in diameter. Mild and sweet.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Half Long Narrow Cayenne, or Pot Herb.—Fruit three to four inches long by one-half inch thick at the stem end, tapering to a point. It is very productive and red hot. Used extensively for bunching with pot herbs.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Large Bell, or Bull Nose.—Plant vigorous, compact, very productive, ripening its fruit uniformly and early. Fruit large, of blocky form, with thick flesh, usually quite hot.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Large Red Squash, Cheese or Tomato Shaped.—Fruit $3\frac{1}{2}$ inches in diameter, flat shaped like a tomato; skin slightly wrinkled, glossy red; flesh thick, somewhat pungent, early and very productive.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Mammoth Golden Queen.—Fruit large size, bell-shaped, rich golden yellow color, with sweet thick flesh of fine flavor.

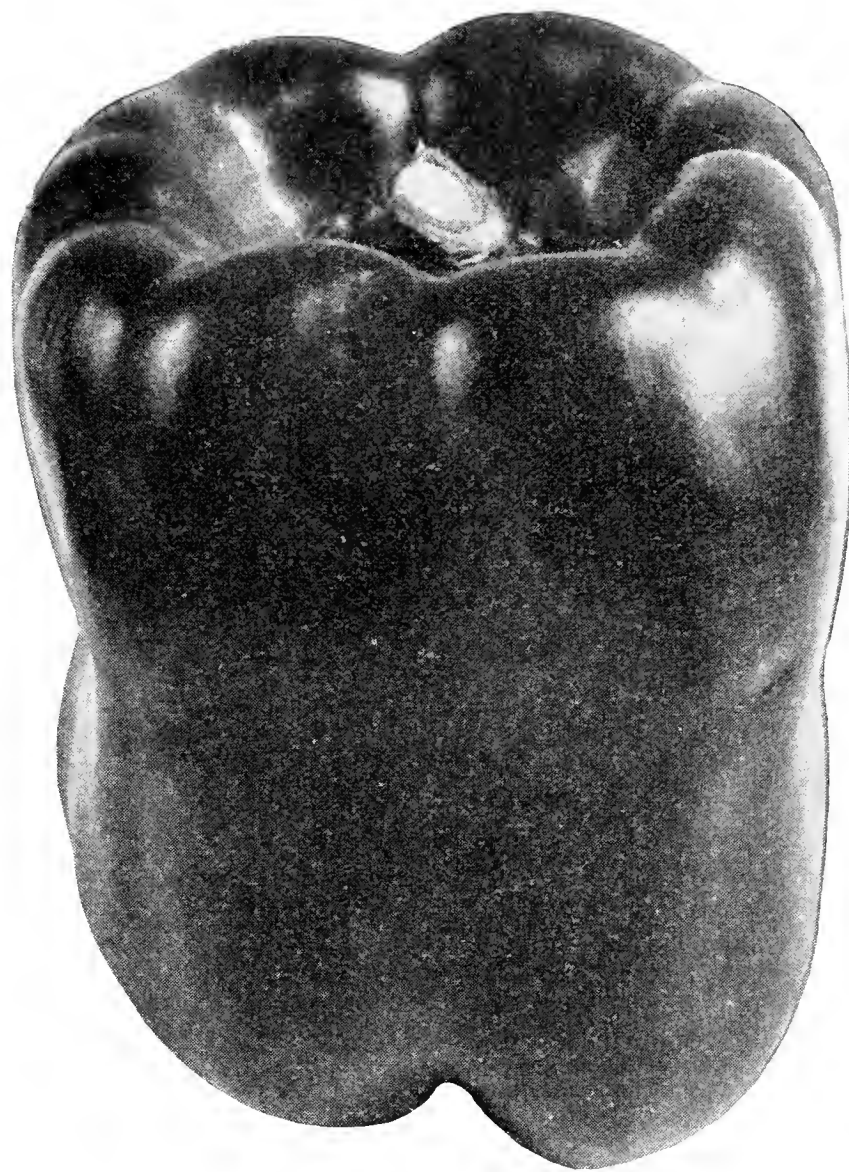
Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Neapolitan Early.—The earliest of the bell-shaped class. Fruit medium size, similar to Ruby King in shape, very prolific and extra early.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Ohio Crimson, or Crimson Giant.—An early maturing large-size sweet pepper, similar in shape to Bull Nose, but much larger, and flesh thicker. It is exceptionally mild and very prolific. Color of fruit green when young, deep crimson when matured.

Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.



California Wonder

Oshkosh.—A very distinct, desirable, large variety. While the fruit is bright canary yellow at maturity, during growth it is an intense, deep glossy green, making an attractive sort to market as "green peppers." Fruits distinctively formed, being smooth, without lobes, $4\frac{1}{2}$ inches in length by $3\frac{1}{2}$ inches in diameter, broad at the base and tapering to an abrupt, blunt point; plant compact, of semi-dwarf habit, very productive and about same season as Ruby King; mild and exceptionally sweet.

Pkt., 15c.; oz., 55c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00.

Pimiento, or Perfection.—A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Red Cherry—Large Hot.—This is the large hot variety, and is used extensively by pickling concerns for canning whole. Fruit averages from $1\frac{1}{2}$ to 2 inches in diameter and is very pungent.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Red Chill.—Small red, conical pods about 2 inches long. Very hot and prolific. Generally used for seasoning and pepper sauce.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Ruby King (Improved).—A large mild variety, with fruit often measuring five to six inches in length and quite symmetrical in shape. Our strain of Ruby King Improved is unsurpassed.

Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

Ruby King (Regular).

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25; 5 lbs., \$15.00.

Red Cluster.—Bears abundantly in clusters, hot, pungent, coral red fruit.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

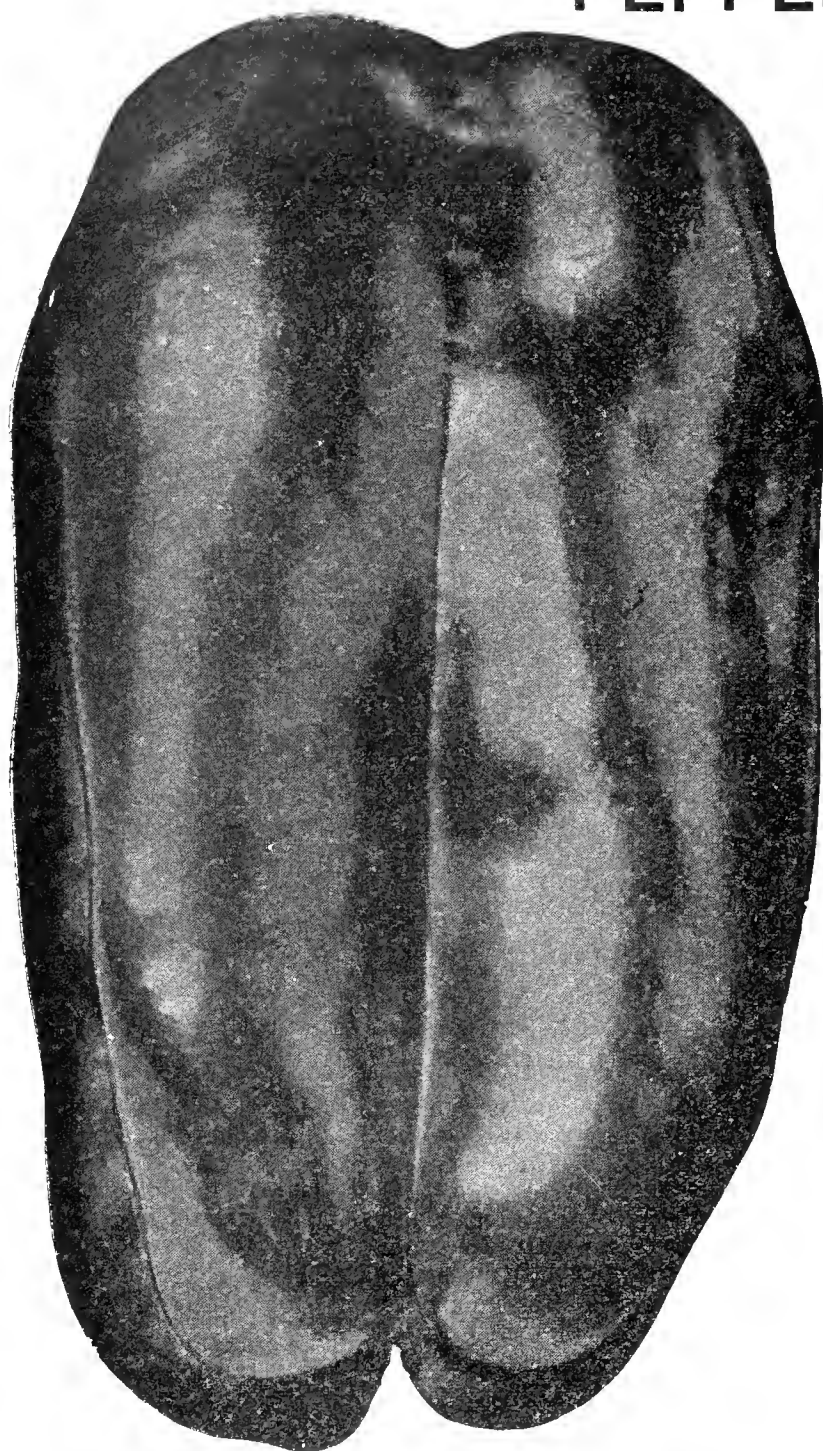
Royal King.—A new sweet Pepper of the Ruby King type. Fruit average four inches long of deep green color when young, and bright scarlet when ripe. The flesh is thick and sweet.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

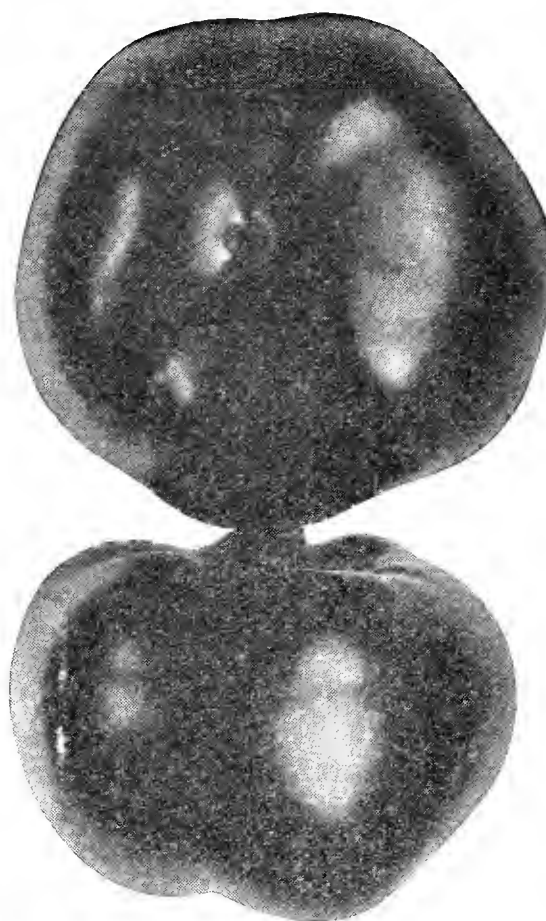
Ruby Giant.—Similar to Ruby King. The fruit growing somewhat larger and are a little broader at the base.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.25.

PEPPER—Continued



Simon's Worldbeater (Special Stock)
The Finest Introduction in Peppers in Ages
Introduced by us in 1908.



Large Sweet Cheese
(Sunnybrook Strain)

PEPPER, Simon's Jersey Giant.—This is the earliest of all large Peppers, almost as large as Chinese Giant and three weeks earlier; plant of dwarf branching habit, bearing 12 to 15 fruit of a deep green color, turning to brilliant red, flesh thick and of mild flavor.

Pkt., 10c.; oz., 40c.;
¼ lb., \$1.25; lb., \$4.50.

Large Sweet Cheese (Sunnybrook Strain).—The fruits measure 2½ to 3 inches in diameter and they are 2 inches deep from stem to blossom-end. The skin is smooth and of a glossy deep scarlet color. The flesh is thick and sweet. It is very prolific and is quite popular as a canning variety.

Pkt., 10c.; oz., 35c.;
¼ lb., \$1.10; lb., \$4.00.

Simon's Worldbeater (Special Stock).—This is, without doubt, the finest large pepper yet introduced. It is a cross between Chinese Giant and Ruby King, fully as early as Ruby King and similar in shape, but broader at blossom end, almost the size of Chinese Giant and far more prolific, some plants producing as many as twenty-four marketable peppers, exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. For illustration from a photograph, see cut opposite.

Pkt., 15c.; oz., 50c.; ¼ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

Simon's Worldbeater (Regular Stock.)
Pkt., 10c.; oz., 40c.; ¼ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

SEED POTATOES

Postage extra. Consult "Postal Directions" on inside front cover.

German, Kartoffeln. French, Pomme de Terre. Italian, Patata. Spanish, Patatas.

A sack of potatoes contains 150 pounds. One bushel weighs 60 pounds. Eight to ten bushels will plant one acre.

Cultural Directions.—A good, sandy loam produces the best Potatoes, but they can be grown on all kinds of soil. New or pasture land, with the turf freshly turned, produces the finest crop. Make furrows of good depth, 3 feet apart. Scatter a liberal dressing of phosphate or decayed stable manure along the drill, and set the seed about 10 inches apart in the rows. Cover with about 2 inches of soil, and begin to cultivate when the plants are well up. At each successive hoeing, bring additional soil about the plants.

Beauty of Hebron.—Early, large, elongated with pink skin. One of the best.

Bliss Triumph.—Extra early, round, skin bright red.

Dibble's Russet.—A productive late variety of recent introduction that is destined to become very popular. The tubers are round, plump, immune to rust and blight, of a beautiful russet color, and of excellent quality.

Early Rose.—This pink-skinned variety is noted for earliness, productiveness and fine quality.

Gold Coin (Late).—The vines are strong and vigorous, and the tubers are deeply set in the ground; well adapted to loose soils and muck land; the tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.

Price on all varieties, ½ pk., 35c.; 1 pk., 65c.; ½ bu., \$1.15; 1 bu., \$2.25; 1 sack (150 pounds), \$5.00.

Green Mountain, or Improved State of Maine.—A medium late, large, handsome oval white potato. A prolific yielder, and always of fine eating quality. Is not susceptible to disease, and is gradually becoming the standard white potato for late planting.

Irish Cobbler.—Pure white color and of excellent quality. A vigorous grower, early, ripens uniformly, and keeps well. Round in shape.

Jersey Red Skin.—This potato is not planted in the early spring. It will do well in most any soil, though light soil is preferable. Since this variety sets abundantly it requires plenty of plant food to produce potatoes of good size. Plantings are made of this variety from July until August. They are good keepers and are most excellent for table purposes, especially in the late winter and early spring. It is a most valuable addition to the potato crop.

Spaulding Rose No. 4.—Medium early, flat, with red skin. Very prolific.

We sell ½ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety
Prices Subject to Change Without Notice.

PUMPKIN

German, **Kurbis.**

Italian, **Zucca.**

French, **Potiron.**

Spanish, **Calabaza.**

Cultural Directions.—Usually grown in corn-fields, but if grown as a separate crop, seed should be planted in hills 8 to 10 feet apart each way after weather and soil get warm. Hoe often till vines begin to run. Cut pumpkins from vine after the leaves die, leaving 3 to 4 inches of stem attached, and store in a dry place. Handle carefully and avoid bruising. Use one ounce of seed to 20 hills of most varieties, 3 to 4 pounds per acre.

Golden Oblong.—Oblong in shape, averaging about 20 by 10 inches. Skin golden yellow and tough, making it an excellent keeper. Flesh light yellow and of fine quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Green Striped Cushaw.—A crook-necked variety. Skin striped green and white, flesh rich yellow, solid, fine grained, very thick and sweet. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Japanese Pie.—A large crook-necked sort; skin green, striped yellow. Flesh yellow and of fine quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

King of the Mammoths.—The largest of all pumpkins. Fruit grows to enormous size, shape almost round, skin orange colored, slightly rough. Flesh deep and of a bright yellow color, quality excellent. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Large Cheese.—Fruit flattened, usually twice as wide as it is thick, skin cream color when matured, flesh yellow and of excellent quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.; 10 lbs., \$5.50.

Large Yellow, or Connecticut Field.—Used principally for feeding stock. Shape almost round, medium size, skin deep yellow and smooth yellow flesh.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 70c.; 10 lbs., \$6.50.

Mammoth Golden Cushaw.—One of the best stock feeding varieties. Is a solid yellow crook-necked sort, and is nearly all flesh, having a very small seed cavity.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Mammoth Tours, or Jumbo.—A productive French variety that attains tremendous size and weight.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

New England Pie, or Sugar.—A small, round sort, very sweet, fine grained and of the very best quality. Skin deep orange, flesh rich yellow. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Tennessee Sweet Potato.—Shape similar to a bell, skin and flesh white, very thick and sweet.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

White Cushaw, or Jonathan.—A crook-necked variety. Shell creamy white and hard. The neck is long, flesh thick and of fine quality. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Winter Luxury, or Pie.—Medium size, nearly round, skin smooth, yellow, covered with fine gray netting. Flesh light yellow, sweet and finely flavored.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

RADISH

German, **Rettig, Radles.**

Italian, **Ravenelli.**

French, **Radis; Raze; Petite Rave.**

Spanish, **Rabanos.**

Two ounces will sow 100 feet of drill.

Cultural Directions.—For very early use seeds can be sown in frames in February, making successive sowings every two or three weeks. Sow also in the open ground in April in light, rich, sandy soil, selecting a warm or sheltered location. Later sowings can be made at intervals during the summer in a moist location where they can grow quickly. Sow broadcast in drills. Seeds of Winter Radishes should be sown during midsummer and the Radishes can be kept during winter if covered with sand and placed in a cool cellar.

Bright Red Forcing Globe.—Perfect ball shape, bright scarlet color, with a remarkably short top, which makes it especially adapted for forcing. Matures in thirty days and remains solid longer than most extra-early sorts.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Bright Red Forcing Turnip.—Similar to Bright Red Forcing Globe, except that it is turnip-shaped, or a little flatter.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Cardinal Globe.—Early, round, bright red. Suitable for forcing or growing outside.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Cincinnati Market.—Similar to Long Scarlet Short Top, but a deeper red in color and remains a little longer in condition for use.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.



Bright Red Forcing Globe

Crimson Giant.—A large, early round sort of the Scarlet Globe type. Grows twice the size, but is a little later and has more top, which makes it undesirable for forcing, but an excellent outdoor sort. It remains solid longer than any of the early round red varieties. Color bright red.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Early Long Scarlet Short Top.—A popular long red variety grown extensively in the South.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Early Scarlet Globe (Regular Stock).—Round in shape. Color bright red. Suitable for forcing or growing outside.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 10 lbs., \$6.50.

Early Scarlet Globe (Special Stock).—This stock is grown from transplanted roots. Each root is inspected for shape and color, with an endeavor to secure a very uniform stock. We believe critical growers will find this stock equal to any offered either for growing outside or in the greenhouse.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Early Scarlet Olive.—Red, olive shaped.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Early Scarlet Turnip.—Round, red, turnip shaped.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

French Breakfast.—Similar to Scarlet Turnip White Tipped, except that it is oblong in shape.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Half Long Deep Scarlet.—Roots half long and of a beautiful deep scarlet color. Remains in good condition longer than some of the long scarlet varieties.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Livingston's Pearl Forcing.—Long white, with short top. Suitable either for forcing or outdoor use. Matures early.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 85c.; 10 lbs., \$7.50.

Long Brightest Scarlet White Tipped.—One of the brightest and handsomest scarlet radishes. Matures very early, top short. Color bright red, with the tail tipped white, which makes it very attractive. Suitable for forcing or early outdoor use. Must be pulled as soon as ready.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

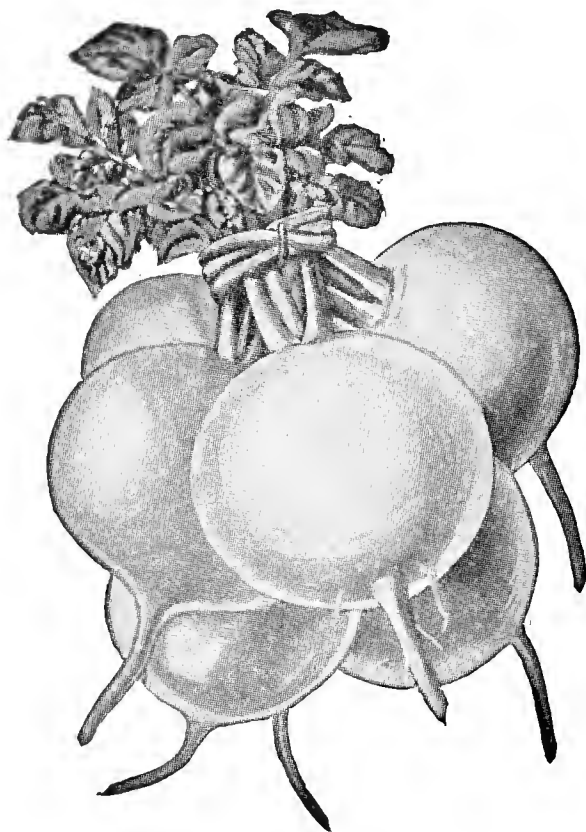
Long Red Chartler, or Shepherd.—A very long good summer variety. Color scarlet rose, shading to white at the tip. Remains in condition for use a long time.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

RADISH—Continued

RADISH—Winter Varieties



Simon's Special Stock White Box

Long White Vienna, or Lady Finger.—Long white, medium early.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Non Plus Ultra, or Fireball (Scarlet Button).—Round, rather than turnip-shaped, of medium size with a small top; bright scarlet; very early, and one of the best forcing varieties.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Philadelphia White Box.—A popular variety in the vicinity of Philadelphia and used more extensively than any other. It matures early, root round, slightly flattened, color white, top medium. It is grown both under sash and outdoors.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Saxa.—The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Simon's Special Stock White Box.—Top short, root round with a small tap root, and of a clear, waxy white color. Excellent for growing under sash.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Sparkler Early Scarlet Turnip, White Tipped.—One of the most attractive and popular of the early turnip sorts. The roots are slightly flattened, the upper portion a deep scarlet and the under portion white, making a beautiful contrast. Our stock of this important variety is true and can be relied on to be the best of its class.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

White Hot House.—Positively the finest strain of round white radish for growing in the greenhouse or under sash. It is a very rapid grower, top extremely short, tap root short and very slender. In shape it is slightly flattened, which allows it to be pulled when quite small. The color is clear, waxy white, and it is of excellent quality. The illustration is a reproduction of a bunch grown in the greenhouse by S. H. Waram, of Thorofare, N. J., who pronounces it the best strain of its type that he has ever grown.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

White Icicle.—One of the best early, long, white sorts. Suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

White Strasburg.—One of the most popular summer sorts. Roots long, quite thick through. Color white. It remains solid for a long time after reaching maturity.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

China Rose, or Scarlet China.—One of the most popular fall and winter sorts. Roots about six inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Giant White Stuttgart.—An oval-shaped white variety, used for planting in the fall, somewhat resembling a turnip.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Half Long Black Winter.—Skin black. Roots about five inches long and three inches thick at the top, tapering gradually to a point.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Long Black Spanish.—A leading winter variety, one of the best keepers. Roots, cylindrical, 7 to 10 inches long; skin blackish-brown; firm white flesh.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Round Black Spanish.—Roots round, sometimes top-shaped; good keeper.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Round China Rose.—Same as China Rose, except that the root is round instead of long.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

White Chinese, or Celestial.—A comparatively new variety which is popular wherever known. The root is long and thick through, with beautiful white skin and flesh so white as to attract attention even among other white varieties. Flesh very crisp, tender and of excellent quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.



White Hot House

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

RHUBARB

German, **Rhabarber.**

French, **Rhubarbe.**

Italian, **Rabarbaro.**

Spanish, **Ruibarbo.**

Cultural Directions.—Plant roots four feet apart each way, in very rich well-manured soil. Cultivate well and top-dress liberally. Plants easily grown from seed. Sow in drills about 18 inches apart, and thin the plants to 12 inches in the drills. Use one ounce to 100 feet of drill.

Victoria.—A good market sort, with beautiful red stalks. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

RHUBARB ROOTS

Postage extra. Consult "Postal Directions" on Inside front cover.

We can supply a standard variety of Rhubarb Roots from a leading Market Gardener.

Dozen, \$1.25; 100, \$7.00; 1000, \$50.00. Purchaser paying transportation charges. One dozen weighs 5 pounds.

SALSIFY

German, **Haferwurz.**

French, **Salsifis.**

Italian, **Sassefrica.**

Spanish, **Ostra vegetal.**

One ounce will sow 75 feet of drill.

Cultural Directions.—A very delicate and nutritious vegetable especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

Mammoth Sandwich Island.—A popular Market Garden sort, producing good size roots; comparatively smooth.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.10; 10 lbs., \$20.00.

SORREL

German, **Sauerampfer.**

French, **Oseille.**

Italian, **Acetosa.**

Spanish, **Acedera.**

Cultural Directions.—Sow in drills early in spring, thin out to 6 to 8 inches apart in the row. Commence cutting about 2 months after planting. Sorrel is hardy, will continue to bear for three or four years.

One ounce will sow 100 feet of drill.

Large Leaved French.—The best garden variety, having large pale green leaves of fine quality, resembling spinach, only not so broad. Perfectly hardy, can be cut five or six times.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

SWISS CHARD

For Cultural Directions, see page 9.

German, **Beisshohl.**

French, **Polree.**

Italian, **Bieta.**

Spanish, **Bleda.**

Large Ribbed, Dark Green Leaved.—Large, smooth, dark green leaves with silvery white stems, which are tender and of fine flavor.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

Lucullus.—A new variety with curled leaves like a Savoy cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.; 10 lbs., \$8.00.

SPINACH

German, **Spinat.**

French, **Epinard.**

Italian, **Spinace.**

Spanish, **Espinaca.**

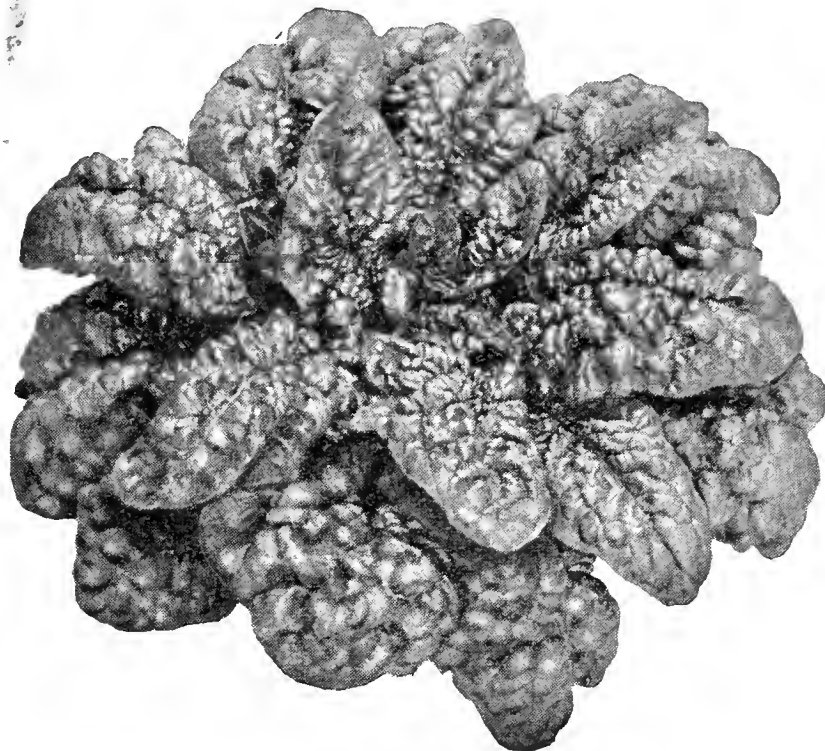
Two oz. for 100 feet, 10 to 12 lbs., in drills for an acre.

Cultural Directions.—Sow thinly in rows 12 or 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. The main crop is sown in August and September. It is sometimes covered up in cold localities with straw or salt meadow hay during winter, which prevents it from being cut with the frost, but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to June. Spinach develops best and is the most tender and succulent when grown in rich soil and in cool weather; during the hot summer months it bolts to seed quickly.

Early Giant Thick Leaved.—The quickest growing sort. Leaves very large, round and almost smooth. Recommended for an early spring or early fall crop.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.



Long Standing Bloomsdale

Jullana.—One of the best second-early varieties; grows close to the ground; has very dark green thick crumpled leaves, and will stand two weeks longer than Bloomsdale or Viroflay before bolting to seed.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

King of Denmark.—The leaves are large, rounded, somewhat blistered, and deep green. The plants grow vigorously and are ready to use as soon as any kind; while at the same time they remain a long time in good condition after other kinds have run to seed.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

Long Season.—An excellent second early variety, with thick dark green, crumpled leaves. Grows to a large size and will stand for a long time after maturing.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

Mammoth Italian Long Standing.—The largest growing variety. Leaves very broad and of mammoth size, dark green color, slightly crumpled. Plants of rather upright growth. Will stand a long time without bolting to seed. One of the best second early varieties.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

Monstrous Viroflay.—A very large, quick-growing sort, suitable for an early spring crop.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

New Zealand.—Entirely different from the true spinach in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill two feet apart each way.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.; 10 lbs., \$5.00.

Savoy Leaved, or Bloomsdale.—A large, quick-growing variety adapted for sowing in the autumn for early spring use. It is of upright growth with thick, dark green crumpled leaves. Bolts to seed quickly in warm weather.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

Savoy Leaved, or Bloomsdale Long Standing.—Darker green and more heavily crumpled than Bloomsdale, and it will stand ten days longer before bolting to seed. An excellent sort for planting late in the fall to winter over. (See illustration above.)

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.20; 100 lbs., \$17.00.

Summer Green Long Standing.—The finest variety to sow for a second crop or through the summer months, as it stands hot weather remarkably well. The plant is large, leaves thick, dark green, and very much crumpled.

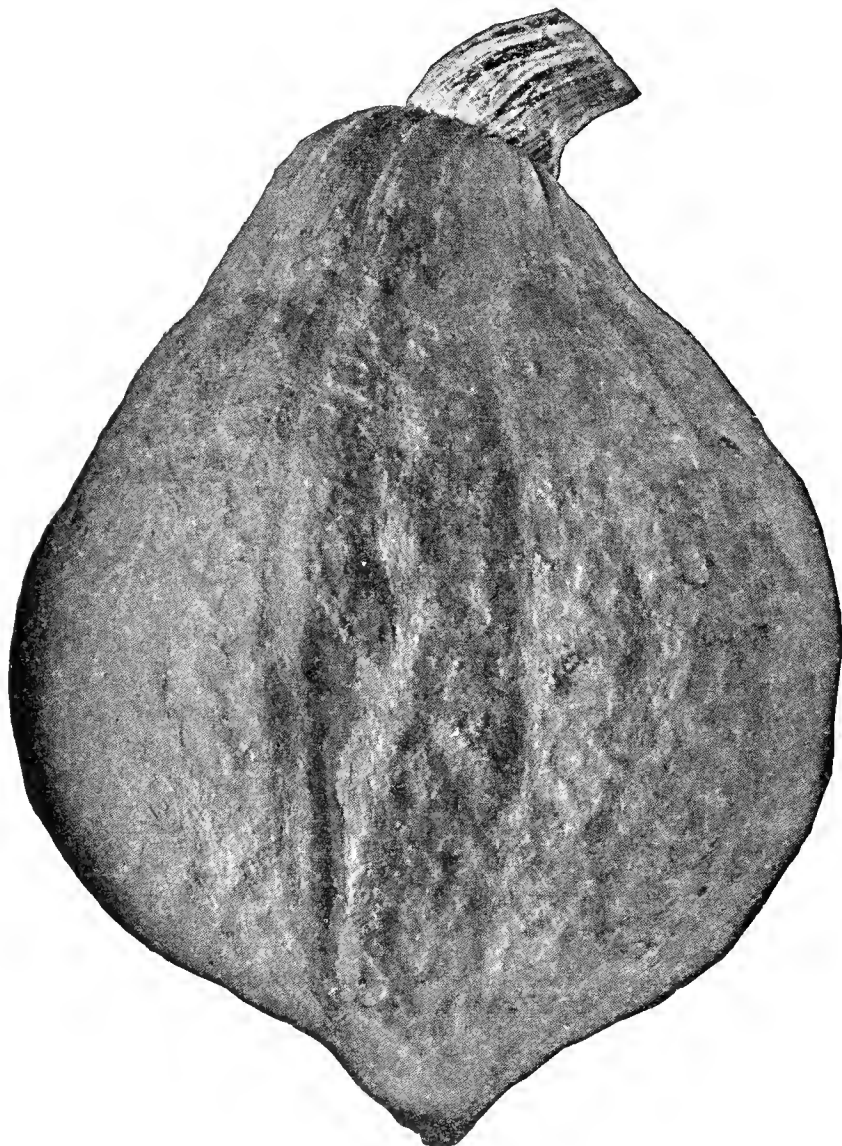
Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.30; 100 lbs., \$18.00.

Virginia Savoy Blight Resistant.—This is a blight resisting strain of Savoy introduced by the Virginia Truck Experiment Station at Norfolk, Va. The type is not thoroughly fixed, but it resists blight remarkably well.

Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs., \$2.10; 100 lbs., \$16.00.

German, **Kurbls.**Italian, **Zucca.****SQUASH**French, **Courge.**Spanish, **Calabaza.**

Cultural Directions.—After danger of frost is past, plant in a warm well-pulverized, rich soil, mixing well-rotted manure in each hill. Plant eight or ten seed to the hill, about May 10th for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet about July 1st. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, one ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

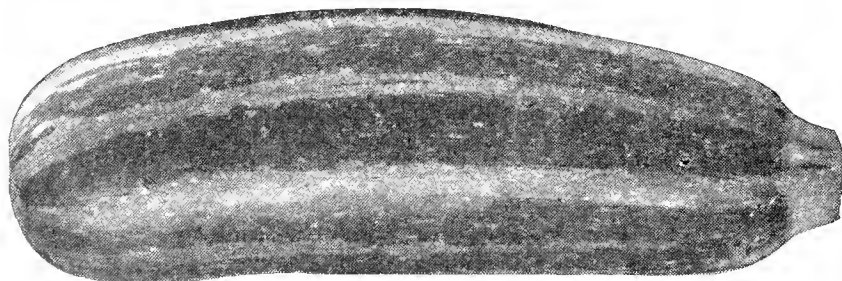
*Boston Marrow*

Boston Marrow.—A fall and winter variety of oval form, skin thin; when ripe, bright orange; flesh rich salmon yellow, fine grained and of excellent flavor.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$6.50.

Chicago Warty Hubbard.—A selection from Hubbard. Fruits are a trifle larger and more heavily warted.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.50.

*Cocozella (Long Type)*

Cocozella (Long Type).—A summer variety of bush habit; fruit oblong, 12 to 14 inches in length and 3 inches in diameter at picking stage; color dark green with light green stripes.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Cocozella Zucchini (Short Type).—A short type of Cocozella; fruit 7 to 8 inches long and 3 inches in diameter at picking stage; color light green speckled white; bush habit.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

Delicious.—A very early winter variety of medium size; shell moderately hard, very thin, flesh thick, fine grained and of a light yellow color. It varies somewhat in color and form, usually oval-shaped, with green, smooth skin, sometimes slightly mottled.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

English Vegetable Marrow.—Produces a succession of Squashes throughout the summer, ranging in size from 10 to 15 inches long by 4 to 6 inches thick. Skin greenish yellow to a creamy white; flesh white and of a very rich flavor. One of the best summer varieties.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

Extra Early White Bush Scalloped (White Patty Pan).—A well-known variety of dwarf habit and upright growth. Surface comparatively smooth. Color, greenish-white while young; then changing to creamy white. One of the best and most popular sorts.

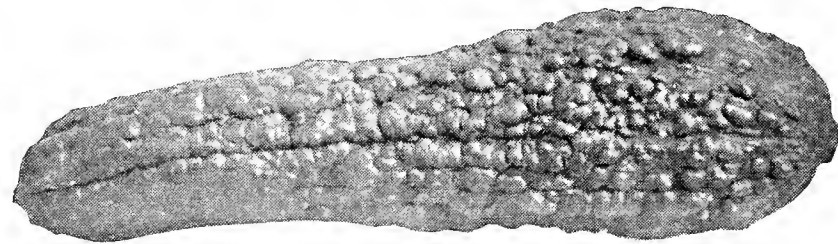
Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Early White Bush Scalloped Green Tinted.—Very similar to Extra Early White Bush, except that the fruit has a greenish tint which they retain until maturity, and they are somewhat larger.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Giant Yellow Summer Crookneck.—The largest and one of the earliest summer varieties; fruit often two feet long, very warty and deep orange in color.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

*Giant Summer Straightneck*

Giant Yellow Summer Straightneck.—A selection from the Crookneck squash but with a straight rather than a crooked neck, and thus being more easily packed for shipment. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick, meaty neck.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Small Summer Crookneck.—Similar to Giant Summer Crookneck with the exception that it is about one-half the size and earlier.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

Golden Hubbard.—Similar to Hubbard, except that it is smaller, matures earlier and is of an orange-red color, except for a bit of olive green on the blossom end.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 10 lbs., \$14.00.

Hubbard.—One of the best winter squashes; flesh bright orange yellow, fine grained, very dry, sweet and richly flavored. Fruit large, oval-shaped; skin dark green, rough, covered with warts. Excellent keeper.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.50.

Blue Hubbard.—A very large squash of the Hubbard shape, but the color is blue-gray. The shell is very hard and the squash keeps a long time.

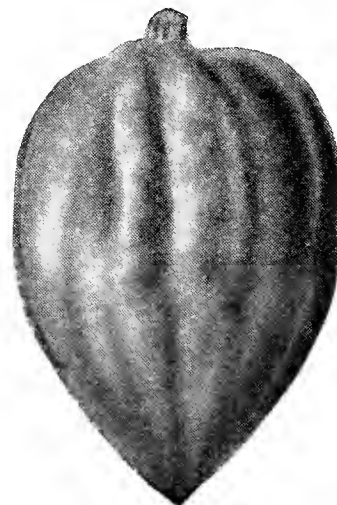
Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75; 10 lbs., \$16.50.

Mammoth White Bush Scalloped.—Similar to Early White Bush, except that they are larger and about five days later.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10; 10 lbs., \$10.00.

Table Queen, Des Moines or Acorn.—A small Acorn-shaped, very dark green Squash, about 6 inches long and 4 inches in diameter. When fully ripe the rind turns to a bright orange color, but the Squashes can be used before ripening, just as well as after. Makes excellent pies, can be cooked whole when young and keeps well.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35; 10 lbs., \$12.50.

*Early White Bush**Table Queen*

We sell $\frac{1}{4}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

TOMATO

German, **Liebesapfel.**

French, **Tomate.**

Italian, **Pomo d'oro.**

Spanish, **Tomates.**

Cultural Directions.—Tomatoes do best on warm light moderately rich soil, and success depends to a great extent on securing rapid and unchecked growth in the early part of the season. For early crop, sow seed in hot-bed in January, transplanting to cold frame when plants have at least four leaves, in order to strengthen the body of the plant, and transplanting later to open ground, after all danger of frost is over, in rows 3 to 4 feet apart, and 3 feet apart in the rows. For later crop sow seed any time up to middle of June. Spray regularly, to prevent blight. For the private garden, trellising the vines will prevent rotting, due to the fruit lying on the ground.

One ounce will produce about 3000 plants.

Acme.—A popular early, purple-fruited sort of medium size. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Beauty (Livingston's).—A second-early, large, smooth, purple-fruited variety of good quality.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Bonny Best.—An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape, ripens evenly close up to the stem. An excellent sort for growing under glass. It is very prolific and we recommend it as a first-class sort.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.50.

Break O'Day.—The earliest, disease resistant, globe shaped, scarlet fruited, meaty Tomato yet introduced. 10 to 12 days earlier than Marglobe, and very productive. Break O'Day will fill a long felt want for an early Tomato with the good qualities of the popular later sorts. It was developed by Dr. Fred J. Pritchard, senior Physiologist of the U. S. Dept. of Agriculture, and is a cross between Marglobe and Marvana, having the disease resistant quality of its parents. Vine is of open habit similar to Marvana, but heavier in growth. Fruits are of the Marglobe type, deep globe shaped, solid—meaty, with few seeds, and a scarlet color. Excellent for home gardens or truck farmers.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

Chalk's Early Jewel.—For a crop to come in between Earliana and Stone there is none to compare with this if you get the original stock. The fruit is of a bright scarlet color, ripening close to the stem, is smooth, and very solid.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.50.

Clark's Early.—A second early variety maturing with Bonny Best. Color bright scarlet; smooth, ripening close to the stem, and very solid. It is grown quite extensively by Texas growers for shipping North.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Columbia Wilt Resistant.—This variety was developed by the U. S. Dept. of Agriculture and resembles Greater Baltimore. It is a very strong grower. We have seen fields of Greater Baltimore planted side by side that were practically dead, while the vines of Columbia Wilt Resistant were green and thriving.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.60; 5 lbs., \$17.00.

Cooper's Special (Special Stock).—Our Special Stock of this very popular sort cannot be excelled.

Vines sturdy, a vigorous grower, bearing in clusters deep, globe-shaped fruit of a purplish pink color, solid and meaty, heavy yielder and excellent shipper.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

Cooper's Special (Regular Stock).

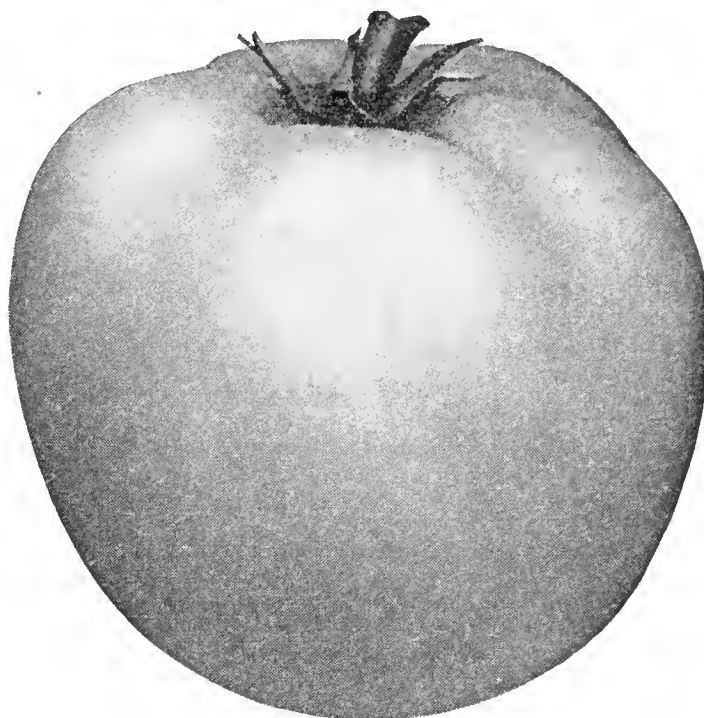
Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Dwarf Champion.—An early purple-fruited variety, forming strong, erect, bushy plants. Fruit medium size, smooth and fairly solid. Grown extensively for plants, as it makes a handsome, sturdy bush.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Dwarf Stone.—Vine dwarf, vigorous and productive. While maturing with the later sorts the bright red fruit is of good color, exceedingly smooth, very solid and the largest of any of the dwarf varieties.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.



Break O'Day

Early Detroit.—An early, medium-sized, smooth, purple-fruited variety, maturing with Acme, but fruit larger, more solid, more globular in shape and superior in every way.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Earliana (Langdon's).—We find this strain to be larger, thicker through, more meaty and of a deeper red color than other strains of Earliana. It is equally early, exceedingly productive and holds its size well throughout the season. The seed we offer was grown in New Jersey by one of our private growers.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

Enormous.—Large, late, red, very meaty and almost seedless. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Extra Early Mascot.—The earliest and best of the very early Tomatoes; very productive. Fruit of fair size, smooth, almost globe shaped and produced in clusters in center of the plant; color bright scarlet. Plants have an open habit of growth, of the Earliana type.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Florida Special.—A recent introduction, which is claimed to be blight resistant. It resembles Chalk's Early Jewel in size and shape, and matures about the same time or a trifle earlier. The color is bright red. It contains very few seeds and the flesh is firm which makes it an excellent shipper.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.50.

Golden Queen.—Fruit large and smooth. Color, a beautiful golden yellow, sometimes with a slight flush of red.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Greater Baltimore.—An excellent main-crop sort, producing large, solid, smooth fruit of a brilliant red color. It ripens evenly to the stem and is entirely free from ridges. Used extensively by canners.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

Gulf State Market.—The best of the early, purple-fruited varieties. In season with Early Detroit, while fruit is larger, smoother, more globe-shaped; very solid, productive and free from cracking.

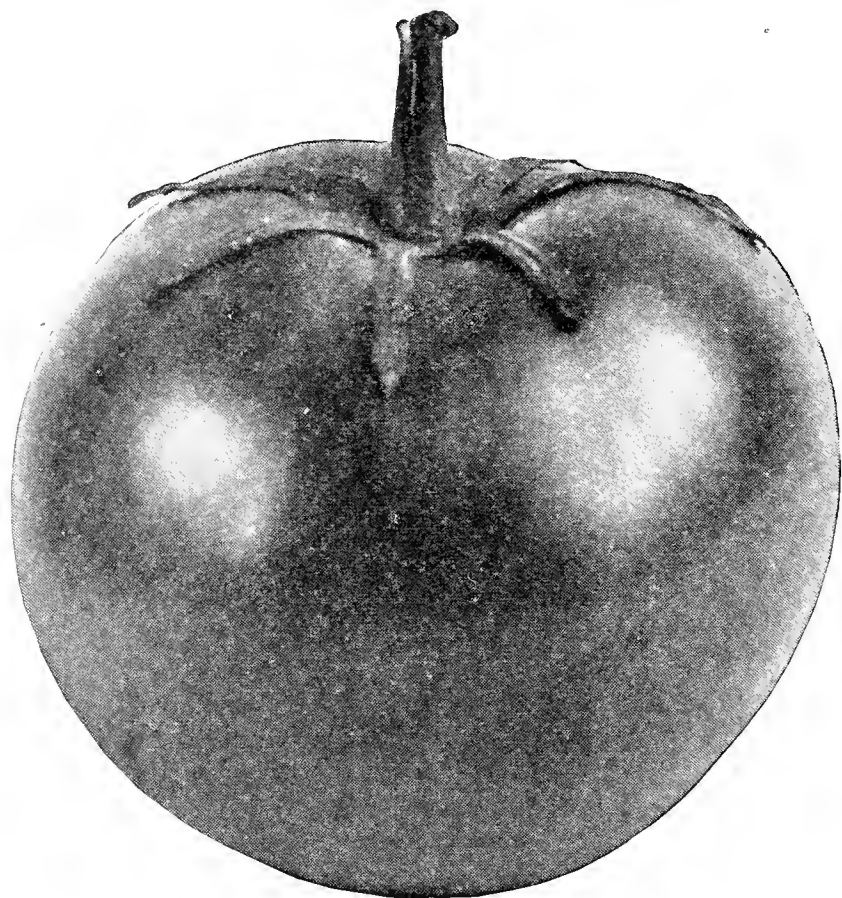
Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.15; lb., \$4.25; 5 lbs., \$20.00.

Improved Self-Topper.—Similar to Livingston's Globe. The plants are of dwarfer habit and are less liable to wilt. The fruits are borne most profusely all over the vine and are less liable to nail-head rust, and is about five days earlier than Globe. They are perfectly smooth and solid, of a bright pinkish red color. It is an excellent shipping variety.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

TOMATO—Continued



Marglobe

John Baer.—An early variety, maturing with Bonny Best, producing fruit equally as good as Chalk's Jewel. Color, bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.50.

June Pink, or Pink Earliana.—Similar in all respects to Sparks' Earliana, except the fruit is purple instead of scarlet, and the bulk of the crop ripens a little later.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Livingston's Globe (Special Stock).—A large purple-fruited variety of excellent quality. Fruit large, very smooth and matures earlier than most main crop sorts. The average tomato is very deep, almost globe-shaped, and very solid. It is one of the leading varieties grown throughout Florida to ship North. Our stock of this important variety is of excellent quality.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

Livingston's Globe (Regular Stock).

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Marglobe (Special Stock).—This Great New Tomato introduced by the U. S. Dept. of Agriculture through the efforts of Dr. Fred J. Pritchard, of the Bureau of Plant Industry is **the last word in Tomatoes.**

Never before has a hybrid of such great promise been brought to our notice. Its fine appearance, great productiveness, deep globe shape and superb table qualities is giving it first place wherever known. Its spreading habits of growth enable it to bear large, perfect globe-shaped fruit in great abundance. In color it is a most beautiful scarlet, ripening well up to the stem. Its eating qualities, likewise, are very much superior to most of the common varieties. In the south, especially on the East Coast of Florida where there is danger of nail-head rust, "The Marglobe" has proven resistant to the disease, and is being planted almost exclusively to all others.

Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00; 5 lbs., \$33.75.

Marglobe (Regular Stock).

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Matchless.—One of the best main-crop varieties. Fruit very large, smooth, exceedingly solid and of a good red color. It is quite prolific and matures a little later than Stone.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

Norton.—This is a wilt resistant variety that was developed by the U. S. Dept. of Agriculture. It resembles Stone in every way as to shape, size, color, season, etc., but it resists wilt to a remarkable degree.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.60; 5 lbs., \$17.00.

Oxheart.—Shaped like a heart, hence its name. Fruit very large and solid with very few seeds. Specimens weighing 3 pounds are quite common. Oxheart is not a heavy yielder, being similar to Ponderosa in this respect. The skin is pink, same as Ponderosa. The flavor is unsurpassed.

Pkt., 15c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$10.00.

Ponderosa.—A purple fruited tomato of large size. Vine vigorous. Fruit very solid, fairly smooth and considered very good quality, especially by those who prefer a tomato quite free from acid. This variety is more suitable for home use than for the market.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00; 5 lbs., \$28.75.

Red Rock (Landreth's).—A large, late, red variety. Larger than Stone and very solid; almost solid meat.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

Simon's Best Second Early.—A new and valuable variety, matures just after Earliana, very prolific, as smooth as an apple, larger than Bonny Best and of a bright scarlet color. Almost globe shape, extremely solid, which makes it an excellent carrier.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Scarlet Topper (Pritchard 1932).—A new introduction by the late Dr. Fred J. Pritchard of the U. S. Dept. of Agriculture.

A cross between Cooper's Special and Marglobe. The plant has the characteristics of Cooper's Special, being of the true Self-Topper habit, and bears an early and heavy crop of deep globe-shaped fruit of the same rich scarlet color as Marglobe.

Pkt., 25c.; oz., \$1.25; $\frac{1}{4}$ lb., \$4.00; lb., \$15.00.

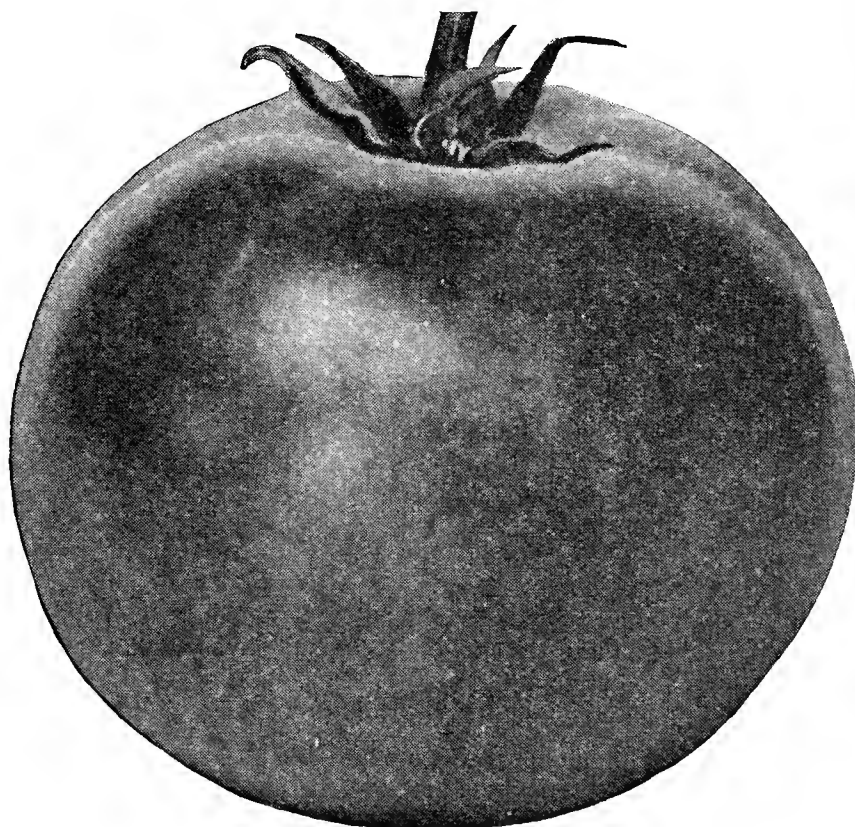
Texas Special.—An early, productive, smooth, red tomato, maturing a few days after Bonny Best.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

FROM A PLEASED CUSTOMER

I bought an ounce of Extra Early Mascot Tomato from you last winter and I raised about 100 hampers from it. These are the most wonderful yielders I ever saw, and all fine Tomatoes.

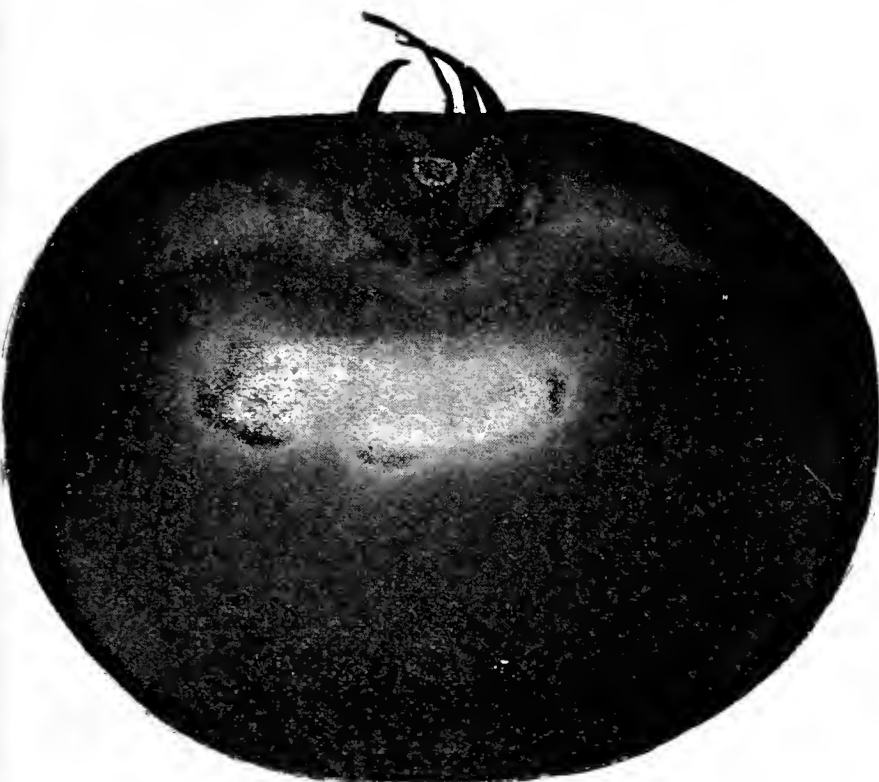
S. J. Graham, Ponchatoula, La., Box 108.



Simon's Best Second Early

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

TOMATO—Continued



Simon's Columbia

Simon's Columbia.—We pronounce this the best main crop red sort. It is a little later than Stone, fully one-third larger, and just as smooth and solid. It is nearly solid flesh, having very few seeds, is of a good red color, ripens up to the stem, and a wonderful cropper. Anyone wanting a strictly large, fancy red tomato will get it by planting this variety.

Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

Stone Improved.—One of the heaviest and most solid fruited of the large tomatoes of good quality. Our stock is distinctly superior to most that is offered under this name, being larger, smoother, more uniform and better colored. Vine vigorous and productive. Fruit round, slightly flattened, very large and astonishingly heavy. The quality is unexcelled.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

Truckers' Favorite.—A late variety, producing large, smooth, solid fruit of a purplish-red color. It is quite prolific and resists blight to a remarkable degree.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 5 lbs., \$21.25.

Small Fruited Varieties for Pickles and Preserves

Peach.—Fruit resembles a small peach in size and shape. The color is a light terra cotta red. Skin and flesh thick. Used principally for preserving and table decoration.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Red Cherry.—Fruit the size of a large cherry, perfectly round and smooth. Used for preserving.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Red Pear.—Fruit bright red; distinctly pear-shaped. Used for preserving.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Yellow Cherry.—This variety differs from Red Cherry in color only.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Yellow Husk, or Ground Cherry.—Used for preserving and eating raw. The seed we offer is that of the true Yellow Ground Cherry. Excellent for making pies.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Yellow Plum.—Fruit Plum-shaped, of a clear, deep yellow color; flesh yellow and of fine flavor.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

TURNIP

German, **Welsse Rueben.**

Italian, **Navone, Rapa.**

French, **Navet.**

Spanish, **Nabo.**

Cultural Directions.—For the regular crop, sow the early kinds in July and August, the later sorts during August and the salad varieties during August or September. Sow either broadcast or in drills two feet apart, and when well up, thin out to prevent overcrowding. Rutabagas should be sown in July or early in August and earthed up as they grow.

One ounce sows 100 feet of drill; $1\frac{1}{2}$ lbs. sows one acre in drills; 2 lbs. one acre broadcast; sow salad varieties 3 lbs. per acre.

Aberdeen (Purple Top Yellow).—A medium-sized, round, late-maturing, yellow turnip. Roots yellow, with purple crown; flesh pale yellow. It is very hardy, an excellent keeper and is invaluable for stock feeding.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Amber Globe (Large).—Grows to a large size, skin yellow, with green crown. Flesh yellow.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Cow Horn, or Long White.—Clear white, except a little shade of green at the top; long, slightly crooked and growing nearly half out of the ground.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Golden Ball, or Orange Jelly.—One of most delicate and sweet, yellow-fleshed turnips yet introduced. Not of large size, but firm, hard and most excellent flavor.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Japanese Foliage.—Especially valuable for turnip greens, which are always in good demand during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which makes it practically free from insect attacks. The roots are pure white, between flat and globe shape; however, this wonderful new sort is more largely planted for the tops than the roots.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Milan (Extra Early Purple Top).—Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra early garden turnip.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Milan (Extra Early White).—Remarkably early; top very small, upright and compact, so that rows can be planted close together. Roots clear white, very smooth, flat and symmetrical; flesh white, sweet and tender. The best sort for growing under sash.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 80c.; 10 lbs., \$7.00.

Pomeranian White Globe.—One of the most productive kinds, and in good rich soil roots will frequently grow to twelve pounds in weight. It is globe-shaped, skin white and smooth. Used for stock feeding; also excellent for table use.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Purple Top Flat Strap Leaf.—An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Used principally for stock.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Seven Top.—Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root and is only recommended for the tops.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 50c.; 10 lbs., \$4.50.

Southern Prize.—Similar to Seven Top, but the tops are more abundant, while the roots are of considerable size, more symmetrical in shape and better in quality; also used for feeding. A favorite forage plant in the Virginias and Carolinas, where it grows during winter without protection.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

Snowball (Early).—A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

White Egg.—A quick-growing, egg-shaped, smooth, pure white variety with small top and rough leaves. The root grows half out of the ground. Flesh very sweet, firm and mild.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

White Flat Dutch (Early).—A very early, flat, strap leaved, white turnip, of medium size and fine quality.

Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

We sell $\frac{1}{2}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety.
Prices Subject to Change Without Notice.

TURNIP—Continued



Perfection Purple Top White Globe

Perfection Purple Top White Globe.—A large globular variety, very even in shape and of handsome appearance. The crown is purplish-red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table or stock. This variety is a good keeper and a fine market sort. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 55c.; 10 lbs., \$5.00.

RUTABAGA

Swedish or Russian Turnips

American Purple Top.—A hardy productive variety; roots are large, globular in form, with a very small tap root; color bright yellow with a purple top, flesh very solid, tender and sweet. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Long Island Improved.—Grows to a large size, top-shaped, purple top, yellow below; flesh yellow. Excellent sort for stock feeding or table use where a large Rutabaga is wanted. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

Perfection Purple Top Globe.—Grows the same shape and size as Purple Top Globe Turnip. Color of skin yellow, with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Can be planted as late as August 15th in the vicinity of Philadelphia. By far the best sort for market. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.; 10 lbs., \$7.00.

Perfection White.—Absolutely neckless. Top strap leaf, flesh white and unusually fine grained. Grows to a large size. Excellent sort for either stock feeding or table use. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 10 lbs., \$6.00.

SWEET, MEDICINAL and POT HERBS

Cultural Directions.—For early use sow seed in hotbed in March or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

Basil, Sweet.—Seeds sown in April, indoors, in rich, light soil, and in beds in June.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Borage.—Used for flavoring and flowers furnish bee pasture.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Caraway.—Grown for the seeds, which are used for flavoring.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.

Chives. Leaves used for flavoring.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Coriander.—Young leaves used in soups and salads. Seeds in confectionery and for flavoring.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.

Dill.—Leaves used for flavoring.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Sweet, Medicinal and Pot Herbs—Continued

Fennel, Florence.—An annual, height 2 feet, fine feathery foliage. Base of plant used raw as salad or boiled.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Horehound.—The leaves and tops are popular as a medicine for subduing irritating cough.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Lavender.—Flower spikes are dried for their peculiar lasting fragrance. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Marjoram, Sweet.—Hardy perennial, cultivated for use of its leaves for flavoring.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

Rosemary.—Foliage used for medicinal purposes.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Saffron.—Hardy annual. Used for flavoring and coloring.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Sage.—Used for seasoning.

Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Summer Savory.—Hardy annual. Aromatic tops are used for culinary purposes.

Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Thyme, Broad-leaved English.—(Perennial). Leaves and tops are used for culinary purposes.

Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Wormwood.—(Perennial). Used medicinally.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



CLOVER SEED



Postage Extra—See inside front cover.

All Very Highest Quality

Clover and Grass seeds fluctuate greatly in value in the selling season. We sell at market values. Best to write for prices before ordering.

Alfalfa.—When once established Alfalfa has no equal as a hay-producer—three to four cuttings in a season—the yield averaging from 4 to 6 tons per acre. It is a true leguminous perennial and sends long taproots down into the subsoil. It is one of the best forage crops and is extremely valuable as a soil-enricher. Sow from 20 to 30 lbs. per acre.

Per bu. (60 lbs.), \$13.80; lb., 35c.; 10 lbs., \$2.80; 100 lbs., \$23.00.

Alsike or Swedish.—The hardiest of all and stands freezing. It is very nutritious and good for either green forage, pasture, or hay. It is used largely for sowing with other grasses and Clovers, forming a thick bottom and increasing the hay-yield. Sow, if alone, 8 lbs. per acre; if used with Red Clover and Timothy seed, add 2 to 3 lbs. per acre.

Per bu. (60 lbs.), \$12.00; lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

Bokhara (Sweet White-flowering).—Flowers from June to September; 4 feet high. Fine for bees. Sow 10 lbs. to the acre.

Per bu. (60 lbs.), \$6.60; lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$11.00.

Crimson or Scarlet.—Used for green forage and as a cover crop and soil-renovator. It is an excellent nitrogen provider and yields 2 to 3 tons of hay per acre. Can be sown in late summer and plowed under next spring. Use 15 lbs. to the acre, either broadcast or drilled and cover lightly.

Per bu. (60 lbs.), \$7.20; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$12.00.

Grimm Alfalfa.—Withstands low temperatures and cuts with greater safety in the fall than any other sort. Has larger crowns, more spreading root system, and yields heavier. Will thrive in undrained wet locations. Sow 20 lbs. per acre.

Per bu. (60 lbs.), \$18.00; lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

Hubam.—A very vigorous, rapid-growing annual Sweet Clover. Is hardy in any climate. Valuable as a hay crop and for green manuring as it grows 4 feet high. Sow 15 lbs. per acre.

Per bu. (60 lbs.), \$18.00; lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

Mammoth Red or Pea-Vine.—Larger and coarser in growth, but 2 to 3 weeks later than Common Red Clover. It is valuable for bringing poor soils back to good condition, and yields an enormous bulk. Sow 12 lbs. to the acre.

Per bu. (60 lbs.), \$13.20; lb., 32c.; 10 lbs., \$2.70; 100 lbs., \$22.00.

Red, Medium or Common.—This does well on all soils, excepting sour, acid soils. It is biennial, growing 1 to 2 feet in height, averaging two crops per year. It yields 2 to 3 tons of cured hay per acre. If alone, sow broadcast 12 to 14 lbs. to the acre. It is largely used mixed with Timothy, Orchard Grass, or Tall Oat Grass at the rate of 8 to 10 lbs. of Clover to 25 lbs. of Timothy.

Per bu. (60 lbs.), \$12.60; lb., 30c.; 10 lbs., \$2.60; 100 lbs., \$21.00.

White Dutch.—A very hardy creeping perennial adapted to most soils. Used for lawns as it forms a dense sward. Sow, if alone, 8 lbs. per acre; with grasses 4 lbs. per acre.

Per bu. (60 lbs.), \$30.00; lb., 70c.; 10 lbs., \$6.00; 100 lbs., \$50.00.

We sell $\frac{1}{4}$ pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate, of one variety. Prices Subject to Change Without Notice.

SIMON'S
PERFECTION**LAWN GRASS SEEDS**RECLEANED
HIGHEST GERMINATION**For Lawns, Parks, Tennis Courts and Golf Links**

Postage extra. See Inside front cover.

1 qt. weighs 1 lb., packed; 4 qts. weighs 3 lbs., packed; 1 pk. weighs 6 lbs., packed; 1 bu. weighs 21 lbs., packed

**SIMON'S PERFECTION LAWN GRASS SEED****QUALITY OF SEED**

Good seed is of greatest importance, and next is the preparation of the soil, for upon this depends the life of the lawn. One of the first conditions for a perfect lawn is, that the land be perfectly drained either naturally or artificially. Five inches of good soil should overlay the sub-soil and where trees are planted there should be at least twice that depth of good soil. Dig deeply and rake until thoroughly fined down; all stones, roots, etc., should be removed so that a smooth surface may be obtained. After seed is sown the ground should be tamped with the back of a spade or rolled.

FERTILIZERS

The question of fertilizer is an important one. After digging, use well-rotted stable manure or pulverized Sheep Manure, spread thickly enough to cover the ground, then harrow or rake it in. Though a little more costly the best plan, to insure permanency for the lawn, is to use 1500 to 2000 pounds per acre of coarse ground bone, as it decomposes slowly, giving lasting enrichment. For small areas use 10 pounds to 300 square feet.

SEED SOWN ON A GIVEN AREA

One quart is sufficient for a space, 10 by 20 feet, or five bushels per acre, for new lawns, or half that quantity for renovating old lawns. In the latitude of Philadelphia, seed may be sown any time from April to June, also during the early fall months (September being the best).

Simon's Perfection Mixture represents what the name implies, a "Perfect Lawn." It is made up of an intelligently arranged combination of eleven fine-leaved dwarf grasses, which are at their best during different months of the year, thus insuring that carpet of deep velvety green so much desired by lovers of good lawns, and is as fine in quality as years of experience and careful selection of seeds can make it.

1 pt., 20c.; 1 qt., 35c.; 2 qts., 65c.; 4 qts., \$1.25; pk., \$2.00; bu. (20 lbs.), \$7.00; 100 lbs., \$33.50.

Fairmount Park Mixture.—A good mixture of grasses that is less expensive than our Perfection mixture.

1 pt., 15c.; 1 qt., 25c.; 4 qts., 90c.; pk., \$1.75; bu. (20 lbs.), \$6.00; 100 lbs., \$28.00.

Terrace, or Embankment Mixture.—It is usually difficult to establish turf on steep inclines or on terraces. This mixture is composed of deep rooting varieties which will give satisfactory results. Pt., 25c.; qt., 45c.; 4 qts., \$1.40; pk., \$2.50; bu. (20 lbs.), \$9.00; 100 lbs., \$44.00.

Shady Nook Mixture.—Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. The grasses used in making this special mixture are only those that are well adapted for growing in shade. It also may be used on those portions of the lawn which are shaded by trees, buildings, etc.

1 pt., 25c.; 1 qt., 45c.; 4 qts., \$1.40; pk., \$2.50; bu. (20 lbs.), \$9.00; 100 lbs., \$44.00.

Seashore Mixture.—Our Seashore Mixture is composed of strong rooted varieties which quickly produce a good turf and stand the hot sun during the summer months.

1 pt., 25c.; 1 qt., 45c.; 4 qts., \$1.40; pk., \$2.50; bu. (20 lbs.), \$9.00; 100 lbs., \$44.00.

Fairways (Golf Course) Mixture.—This mixture of grass seed is giving the best of satisfaction, being composed in proper proportions of the hardy and dense growing kinds best adapted for the purpose. Stands heat and drought well, and being deep-rooted will withstand wear and tear.

Pt., 20c.; qt., 35c.; 4 qts., \$1.25; pk., \$2.00; bu. (20 lbs.), \$7.00; 100 lbs., \$33.50.

Putting Green Mixture.—The varieties comprising this mixture are of the fine bladed low growing and most hardy kinds and maintain their rich green color throughout the season. For Tennis Courts and Cricket Tables, and wherever extreme smoothness is necessary this mixture will give the desired result.

1 pt., 40c.; 1 qt., 75c.; 4 qts., \$2.40; pk., \$4.50; bu. (25 lbs.), \$16.25; 100 lbs., \$65.00.

Permanent Pasture Mixture.—To get a really good pasture that will last for many years, it is necessary to sow grasses that will form a close heavy turf and such as are not injured by close cropping and tramping of animals. With this thought in view we have made a mixture best suited to make a permanent growth calculated to give a crop of hay if so desired or a good pasture.

Lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$20.00; bu. (20 lbs.), \$4.50.

Lawns.—By F. F. Rockwell. You will find use for this information year after year, for it shows both how to start a lawn right and how to keep it smooth and velvety thereafter. Full of suggestions on laying out the lawn, grading, fertilizing, planting, care after planting, weed and pest control, and remaking and repairing old lawns. 39 illustrations, 87 pages. Postage extra, \$1.00.

GRASS SEED—Continued

Postage extra. See inside front cover.

Creeping Bent.—One of the most valuable lawn grasses because of its short growth and deep green, fine-leaved foliage. Its stoloniferous roots form a strong, close enduring turf, which is not injured by being frequently walked on. Sow 2 bushels to the acre.
Lb., \$1.20; 10 lbs., \$11.50; bu. (20 lbs.), \$22.00; 100 lbs., \$110.00.

Creeping, or Red Fescue (*Festuca Rubra*).—Resists extreme drought, thrives on inferior soils, gravelly banks and exposed hills. Sow 25 lbs. per acre.
Lb., 40c.; 10 lbs., \$3.50; bu. (14 lbs.), \$4.90; 100 lbs., \$30.00.

Crested Dogstall.—A valuable addition for lawn grasses which require close cutting and an ability to resist tramping, as in golf links, etc. Sow 1 to 2 bushels to the acre.
Lb., 50c.; 10 lbs., \$4.20; bu. (21 lbs.), \$8.00; 100 lbs., \$37.00.

English, or Perennial Rye.—A desirable grass for pasture. It forms a heavy close sod and grows up quickly after being pastured or cut off.
Lb., 25c.; 10 lbs., \$2.00; bu. (24 lbs.), \$3.50; 100 lbs., \$14.00.

Hard Fescue (*Festuca durinacula*).—An excellent pasturage or lawn grass, succeeding well in dry or shady locations. Sow 2½ bushels to the acre.
Lb., 40c.; bu. (12 lbs.), \$4.20; 100 lbs., \$30.00.

Italian Rye.—This is distinct from English Rye, the preceding being of much larger and stronger growth, with large, broad, glossy-green blades. It succeeds best in moist, fertile soils. Sow 3 bushels to the acre.
Lb., 25c.; 10 lbs., \$2.00; bu. (20 lbs.), \$3.00; 100 lbs., \$14.00.

Kentucky Blue.—Also called "June Grass;" an early grass of much value; will do well in any ordinary soil; stands the heat of summer remarkably well. For pastures and lawns it has no superior, giving that peculiar rich shade of bluish-green so much admired in the best lawns; also making a very close, velvety turf. It is usually sown mixed with other fine grasses, when used alone, 40 to 50 lbs. per acre. Blossoms in June, can be sown by itself either in spring or fall.
Lb., 35c.; 10 lbs., \$2.70; bu. (14 lbs.), \$3.75; 100 lbs., \$22.00.

Orchard Grass.—This grass stands the drought, and grows well in the shade, does well in wet or poor ground; produces large crops of hay and affords excellent pasture for stock. Sow 20 to 25 pounds per acre.
Lb., 25c.; 10 lbs., \$2.00; bu. (14 lbs.), \$2.80; 100 lbs., \$15.00.

Red Top, or Herd's Grass.—A permanent and very hardy native perennial grass, succeeding best on moist land, making a good pasture when fed close; is valuable for low, wet meadows, producing large crops of good hay. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. It is, perhaps, the most permanent grass we have. It remains green for the greater part of the year; sown with Timothy and Red Clover, its stems form a very close matted turf, not affected by tramping and of fair quality when not allowed to go to seed. Sow 1½ to 2 bushels per acre.

Red Top (Fancy Recleaned).—Lb., 25c.; 10 lbs., \$2.00; bu. (32 lbs.), \$4.80; 100 lbs., \$15.00.

Red Top (Unhulled).—Lb., 20c.; 10 lbs., \$1.50; bu. (14 lbs.), \$2.10; 100 lbs., \$10.00.

Rough Stalked Meadow.—A splendid grass for shady places. Also recommended for fine lawns and pasture grass.
Lb., 55c.; 10 lbs., \$5.00; bu. (14 lbs.), \$7.00; 100 lbs., \$45.00.

Sudan Grass. A forage plant valuable in the middle West. Grows from six to ten feet high. Sow seed when ground has become warm, 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn.
Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$6.00.

Pacey's Rye Grass.—Similar to English Rye. The growth is shorter and the grass somewhat finer, making it better adapted for lawns.
Lb., 25c.; 10 lbs., \$2.00; bu. (24 lbs.), \$3.45; 100 lbs., \$16.00.

Timothy.—This crop is cut for hay; probably surpasses any other grass in cultivation; it thrives best on moist, loamy soils, and is not well suited to light, sandy or gravelly soils, it should be cut just when the blossom falls. Sow either in spring or fall at the rate of 12 lbs. per acre if alone, but less if mixed with other grasses.

Lb., 20c.; 10 lbs., \$1.30; bu. (45 lbs.), \$3.60; 100 lbs., \$8.00.

Wood Meadow Grass.—Grows from one and one-half to two feet high, has a perennial creeping root and an erect, slender, smooth stem. Well adapted to shaded situations, such as orchards and parks. Sow about thirty pounds per acre.

Lb., 50c.; 10 lbs., \$4.50; bu. (15 lbs.), \$6.75; 100 lbs., \$40.00.

MILLETS



WHITE
WONDER
MILLET

White Wonder Millet has been raised in Western Kansas for several years, and it is just as hardy and vigorous as other millets.

The yield is extremely heavy, being fully half again as heavy as that of German Millet.

Another very desirable feature is its earliness. This variety is much earlier than German Millet, but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder, which cures very readily.

Lb., 14c.; 10 lbs., 90c.; bu. (50 lbs.), \$3.00; 100 lbs., \$6.00.

East India, or Pearl Millet (*Pennisetum*).—This makes a most nutritious and valuable continuous cutting forage plant, and is increasing in popularity throughout the country. It will grow 10 to 12 feet high, but cutting can be commenced when it has attained the height of 3 to 4 feet, when it will stool out enormously, and make a rapid growth, and it can be cut this way three or four times in a season. It is largely used by dairymen and others who have cattle, for furnishing them green food through the summer. If a sufficient quantity is sown, it can be cut as desired, furnishing a daily supply of green feed until killed by

freezing weather. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock.

Sow 20 to 30 lbs. per acre broadcast or 5 to 6 lbs. per acre in drills, 3 feet apart and cultivate lightly occasionally. Being a foreign millet from a warm country do not sow before May.

Lb., 23c.; 10 lbs., \$1.80; bu. (50 lbs.), \$6.50; 100 lbs., \$13.00.

Golden, or German.—This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months, of very strong growth. 1 bushel to the acre. Tennessee grown.

Lb., 14c.; 10 lbs., 90c.; bu. (50 lbs.), \$3.00; 100 lbs., \$6.00.

Hungarian.—An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 3 tons per acre. Sow 1 bushel to the acre.

Lb., 13c.; 10 lbs., 80c.; bu. (50 lbs.), \$2.50; 100 lbs., \$5.00.

Japanese Barnyard.—Enormously productive, yielding from four to six tons of cured forage per acre on rich soils. Six to eight feet in height. Sow in May. Broadcast, ten to fifteen pounds per acre, or in drills, eight pounds per acre.

Lb., 15c.; 10 lbs., \$1.00; bu. (32 lbs.), \$2.08; 100 lbs., \$6.50.

MISCELLANEOUS FARM SEEDS

Postage extra. See Inside front cover.

Barley—Six-Rowed

Finest sort for growing in Pennsylvania or New Jersey. Makes a good stiff straw, standing up well. Is the earliest variety, making a quick growing crop of excellent and nutritious green fodder, and is growing in popularity wherever used. It will also make a good grain crop, although its principal value is an early nutritious forage crop to feed green or to cure as hay. If for the latter it should be cut when in the milky state. Sow $2\frac{1}{2}$ bushels per acre as early as ground can be worked.

Per bu. (48 lbs.), \$1.68; lb., 10c.; 10 lbs., 60c.; 100 lbs., \$3.50.

Buckwheat—Japanese

Makes the finest buckwheat flour. The seed is grown from the largest type imported from Japan, and is much larger in grain than that usually offered. It ripens fully a week earlier than Silver Hull, straw is heavier and yield double. It branches more and does not need to be sown as thickly as other varieties. For bees it is of the greatest value and for this purpose has displaced all others. Sow 1 bushel per acre in June or July.

Per bu. (48 lbs.), \$1.68; lb., 10c.; 10 lbs., 60c.; 100 lbs., \$3.50.

Selected Seed Oats

New Victory.—This splendid, white branch Oat originated at the Royal Seed Breeding School of Svallof, Sweden. Straw is good length, stands up well and has a strong root system. Heads are branching and well filled with grain of the finest quality for milling or feeding purposes. The New Victory has been grown successfully in Pennsylvania, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, the Dakotas, Montana, Wyoming and Nebraska. In Shelby County, Ill., these Oats yielded **134 Bushels per acre**. Other states gave yields of 90, 95, 100 and 105 bushels per acre. In Sweden where the weather was cool and ideal for maturing an oat crop, the Victory Oats yielded 125 to 150 bushels per acre, grain testing 40 to 48 pounds per bushel.

Per bu. (32 lbs.), \$1.60; lb., 10c.; 10 lbs., 70c.; 100 lbs., \$5.00.

Swedish Select.—Scientific breeders of seed in Sweden have devoted themselves to the improvement of Oats. Probably Swedish Select is the best all-around oat among them. It thrives well on all soils, is a strong grower and a great drought resister. The grain is short, plump and heavy. This variety is strongly recommended by the United States Department of Agriculture.

Per bu. (32 lbs.), \$1.28; lb., 10c.; 10 lbs., 60c.; 100 lbs., \$4.00.

Speltz or Emmer

This grain is of comparatively recent introduction in this country. It is claimed by some to be the primitive wheat, the kind grown by the ancients. It resembles rye in habit of growth, is early, will stand drought, yields well, makes a fine pasture or hay. The grain resembles wheat, but has a husk like barley. Sow in spring broadcast or in drills $1\frac{1}{2}$ to 2 bushels per acre.

Per bu. (40 lbs.), \$2.00; lb., 10c.; 10 lbs., 70c.; 100 lbs., \$5.00.

Sorghum or Cane—Early Amber

Furnishes a large yield of most nutritious forage, which can be fed either green or cured; and will yield two or three cuttings a year, stooling out thicker each time it is cut. The saccharine matter is of the finest quality, and it also produces a fine sugar or syrup. It grows ten to twelve feet high. This is the favorite sort in Northern and many Western States. Sow at the rate of one peck per acre in drills $3\frac{1}{2}$ to 4 feet apart.

Per bu. (50 lbs.), \$3.00; lb., 12c.; 10 lbs., 85c.; 100 lbs., \$6.00.

Sunflower—Mammoth Russian

Usually a very profitable field crop, the seed being used for bird and poultry feed. Plant and cultivate same as corn.

Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$10.00.

Spring Rye

Although this grain is often planted, especially for papermakers, who prefer it to any other, its principal value is as a "catch" crop to sow where winter grain has failed. The straw is shorter and stiffer than that of the winter variety and is more easily harvested. The grain although smaller, is of equal value.

Per bu. (56 lbs.), \$2.24; lb., 10c.; 10 lbs., 65c.; 100 lbs., \$4.00.

Winter Rye

Abruzzi.—This variety of winter rye is becoming more popular each year. It is ready for grazing about ten days earlier than any other sort, and will produce nearly as much grain.

Per bu. (56 lbs.), \$1.82; lb., 10c.; 10 lbs., 55c.; 100 lbs., \$3.25.

Rosen.—This new Russian rye is said to be the best variety now grown. The grain is large, plump and of light color. Straw is strong, very long and stands up well. The heads are long, well filled and an unusually heavy yielder. The Rosen is a distinct improvement over common rye and should be more extensively grown.

Sow $1\frac{1}{2}$ bushels per acre.

Per bu. (56 lbs.), \$1.82; lb., 10c.; 10 lbs., 55c.; 100 lbs., \$3.25.

Jersey, or Common.—For plowing under.

Per bu. (56 lbs.), \$1.40; lb., 10c.; 10 lbs., 40c.; 100 lbs., \$2.50.

Spring Wheat—Marquis

This famous variety is of Canadian origin. It attracted great attention at the New York Grain Exposition in 1911 when it was awarded the \$1000 prize given by Sir Thomas Shaughnessy for the best wheat in America. It is extremely early and productive. A five year average at the Brandon Experiment Station was 44 bushels per acre. Milling tests show that it contains a greater amount of gluten, is a better color and shows greater absorption than any other spring wheat.

Per bu. (60 lbs.), \$2.40; lb., 10c.; 10 lbs., 60c.; 100 lbs., \$4.00.

Winter Seed Wheat

Sow in drills or broadcast $1\frac{1}{2}$ to 2 bushels per acre in September or October, north of Virginia; further south as late as November.

Per bu. (60 lbs.), \$1.95; lb., 10c.; 10 lbs., 55c.; 100 lbs., \$3.25.

Pennsylvania 44

Pennsylvania 44 Wheat is a selection of Fulcaster originating from a single head, selected in 1909 in a field of Fulcaster at the Pennsylvania Agriculture Experiment Station. In appearance it resembles the parent variety, but has a ranker growth of straw. It has red grains, is bearded, has white chaff and purple straw.

In milling and bread-making qualities it is like Fulcaster, one of the best bread varieties grown in the state.

In stiffness of straw, it is like Fulcaster and others of that type, and on rich soil or soil heavily manured it is likely to lodge.

At the Agriculture Experiment Station in the 10 years, ending in 1923, it surpassed the next highest in yield by an average of over three bushels per acre and in 91 farmers' co-operative tests conducted in various parts of the state, from 1919 to 1922, it averaged over five bushels more wheat per acre than the other varieties.

Klondike.—An exceptionally vigorous, white grained, bald wheat. A great stooler and withstands unfavorable weather conditions better than most white grained varieties. An excellent sort for milling.

Miracle.—Is a bearded, red grained sort, a little larger than the average wheat and its remarkable stooling habit makes it a heavy cropper. A popular milling sort.

Red Wave.—A vigorous, tall growing, red grained, bald variety. Popular on account of its hardiness, stooling and good yielding qualities. It stands unfavorable weather conditions much better than the average wheat; extremely hardy, giving satisfaction everywhere. The grain is large and plump and well liked by millers.

MISCELLANEOUS FARM SEEDS—Continued

Postage extra. See inside front cover.



COW PEAS

Weight 60 lbs., per bushel.

Invaluable for plowing under for green manure. They can be cut green for feeding or cured like clover and fed through the winter. Sow $1\frac{1}{2}$ to 2 bushels per acre broadcast about May 1st.

Gray Crowder, or Improved Whippoorwill.—Very early in maturity. The vines are not runners, but grow erect in bunches. The seed is brown speckled.

Lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00; bu. (60 lbs.), \$3.00.

Large Blackeye.—This variety is more prolific, better flavored and brings a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant; they make a more profitable crop to grow for picking the dry peas for sale in our markets during the winter.

Lb., 12c.; 10 lbs., 85c.; 100 lbs., \$6.00; bu. (60 lbs.), \$3.60.

New Era.—Upright in growth, quicker to mature than Whippoorwill, prolific in peas. The vines make a large growth, cure easily and make fine, dry forage. The seeds are of a dull red color, and, being smaller than ordinary Cow Peas, less seed is required to sow an acre, 1 to $1\frac{1}{2}$ bushels being ample.

Lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00; bu. (60 lbs.), \$3.00.

Whippoorwill.—Very valuable, upright growing variety of medium height, producing large quantities of well-filled pods, which are very long. The plant makes excellent forage for cattle and hogs.

Lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00; bu. (60 lbs.), \$3.00.

Mixed Varities.—This comprises a combination of varieties that will give excellent satisfaction, either for hay or plowing under.

Lb., 10c.; 10 lbs., 70c.; 100 lbs., \$4.75; bu. (60 lbs.), \$2.85.



SOY OR SOJA BEANS

Weight, 60 lbs. per bushel.

Culture.—Sow about May 1st according to instructions given below.

The use of Soy Beans is constantly increasing on account of their value as a forage and feed crop as well as their great fertilizing properties. They can be sown with cow-peas to hold the pea vines off the ground, which thus can be cut and cured to better advantage for hay. They can be grown generally where corn can, and do equally well on light and heavy soils. Where a crop of Soy Beans is growing it is nearly impossible for weeds to grow. For hay or fertilizer they should be sown from 60 to 90 pounds to the acre. When sown for ensilage it is better to sow in corn at 15 to 20 pounds to the acre. Sow for the shelled Beans at the rate of 60 to 90 pounds to the acre, in drills $3\frac{1}{2}$ feet apart, and cultivate.

Hollybrook Early.—The earliest yellow seeded variety. Makes a quicker growth and matures its crop 2 or 3 weeks earlier than Mammoth Yellow, and makes a large yield both of forage and pods. It has special value where an early crop of Hay or Beans is required.

Lb., 10c.; 10 lbs., 65c.; 100 lbs., \$4.00; bu. (60 lbs.), \$2.40.

Mammoth Yellow.—This variety will not mature seed in the North, but makes a large growth or forage and is used for hay and to plow under to improve the soil.

Lb., 10c.; 10 lbs., 65c.; 100 lbs., \$4.00; bu. (60 lbs.), \$2.40.

Willson's Early Black.—One of the best in our opinion for the Northern States, where a quick-growing variety is desired. Average height on good land is about three feet, requires from 100 to 115 days to mature. Its fine stem enables it to cure quickly, which is a point in its favor.

Lb., 10c.; 10 lbs., 70c.; 100 lbs., \$4.50; bu. (60 lbs.), \$2.70.

GENUINE DWARF ESSEX RAPE

There is no plant that will give so heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. It will probably do more to restore and make profitable exhausted soils than any other plant.

Ground should be prepared same as for Turnips. Sow in June or July in rows two and one-half feet apart, at the rate of two and one-half pounds of seed per acre. It may be sown broadcast, either with other fall forage crops or by itself, using from one to five pounds of seed per acre.

Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$6.00.



Dwarf Essex Rape.



VETCH



Halry, or Sand Vetch (Vicia Villosa).—An excellent plant for a winter cover crop to prevent leaching; also for forage and fertilizing. If sown in August or September it will make a good crop of forage the following spring. It is quite hardy and very seldom winter kills in the vicinity of Philadelphia, unless planted on wet, heavy soil. It is being used extensively in this vicinity for plowing under; also for dairy stock and poultry pasture. Sow 1 to $1\frac{1}{2}$ bushels per acre. If sown with rye, use $\frac{3}{4}$ to 1 bushel of Vetch with $\frac{1}{2}$ bushel of rye.

Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.50; bu. (60 lbs.), \$7.50.

Spring (Vicia Sativa).—A perennial pea-like plant grown as an annual in the North. Desirable as a forage plant, and valuable as a cover-crop for orchards. Culture same as for field peas. Sow 90 to 120 pounds per acre.

Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bu. (60 lbs.), \$4.20.

CANADA FIELD PEAS

Entirely different from Cow Peas, requiring to be sown early in the spring, and maturing a crop ready for cutting in May or June. Makes a most satisfactory and large yielding early forage crop. When sown alone, use $1\frac{1}{2}$ to 2 bushels per acre, but a seeding of Oats along with them will increase the yield and help support the pea vine.

Lb., 15c.; 10 lbs., \$1.00; bu. (60 lbs.), \$4.20; 100 lbs., \$7.00.

BROOM CORN

One bushel weighs 46 pounds.

Culture.—Sow in drills 3 feet apart at the rate of 8 to 10 pounds per acre, thinning out stalks about 70 to the rod. Cultivate as for corn. Rich land requires thicker seeding and more stalks than medium or poor soil. Cut when seed is in the milky state.

Evergreen.—Where the location is suitable for growing Broom Corn, farmers find it a paying crop, as the demand for the brush exceeds the supply. This Evergreen variety grows from 8 to 10 feet high, stands up well and is free from crooked brush. The fibre is long and fine and does not turn red. It is strictly a green variety. Sow 8 to 10 pounds per acre, in drills 3 feet apart, thin out to 3 inches in the rows.

Lb., 17c.; 10 lbs., \$1.20; per bu. (46 lbs.), \$4.14; 100 lbs., \$9.00.

All Prices on Farm Seeds are Subject to change without notice.

SIMON'S PERFECTION FIELD CORN

Postage extra. See inside front cover.

GROWN FROM CAREFULLY SELECTED STOCK, CONSIDERATION BEING GIVEN TO THE PLANT AS WELL AS THE EARS

Droughtproof Yellow Dent.—Produces handsome ears of good size and symmetrical shape with the largest grains and the smallest cob of any Yellow Dent Corn. In fact, from 70 pounds of Corn on the ear, 64 pounds of shelled Corn and only 6 pounds of cobs, were obtained, which cannot be equalled by any other Corn in existence. Grains are deep wedge shaped and of the brightest color. Yield not excelled by any other early sort. Matures in 90 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Lancaster County Sure Crop.—This new variety has been giving excellent satisfaction for the past few years. The ear is 10 to 14 inches long with 14 to 16 rows of deep yellow broad grains. Height 8 to 10 feet. Season 90 to 110 days. Seed planted June 5th was cut September 5th. Especially adapted for thin soil.

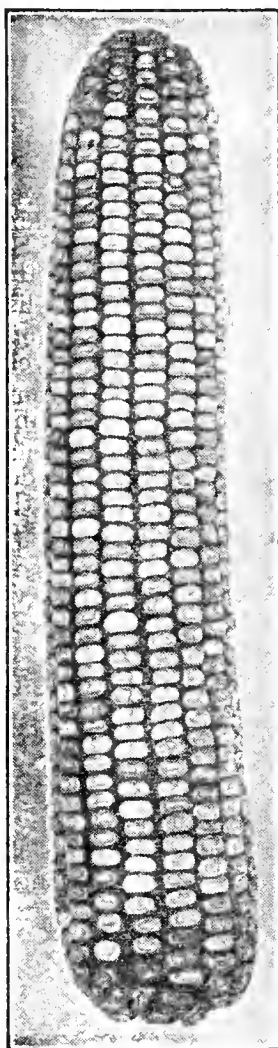
1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Early Yellow Canada Flint.—Unsurpassed for earliness; invaluable where seasons are short. Matures in 85 to 90 days. Ears about ten inches long, and have 8 rows of large, deep yellow grains, which fill out to the extreme tip; cob small. A favorite with chicken raisers.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.25.

One-Hundred Day Bristol, or White Cap Yellow Dent.—This is one of the most prolific varieties of dent corn grown. Said to give better results on poor thin or sandy soil than any other kind. The corn is yellow with a white tip or "cap" to each kernel, so that the ear looks white on the outside, but when shelled is light yellow and very handsome. The ears are of good length (about 10 inches), with twelve rows, and filled out to the tips.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.



Lancaster County
Sure Crop

Orange Dent.—This exceptionally early Yellow Dent Corn produces good size stalks averaging 7 to 10 feet in height, with large size ears, 8 to 10 inches long, having an average of 16 rows of kernels. The kernels are of a beautiful orange yellow shade, unlike any other Yellow Corn. A very heavy Corn and a wonderful sheller, maturing in 80 to 85 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Hickory King.—An old and well-known white variety, short ears with the largest grains, and smallest cobs known. The stalks grow from 6 to 8 feet high and bear from two to three ears. A heavy yielder of both grain and fodder. Matures in 115 to 125 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.25.

Improved Leaming.—Is a general favorite among stock raisers on account of its heavy yield. Ears are of good size with 18 to 20 rows of wedge-shaped, deep grains of a rich golden color. Cob very small and red, matures in 100 to 110 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Improved Boone County, or Johnson County White.—Originated in Boone County, Indiana, from which it takes its name. It is probably the best known White Dent variety in the central corn belt; does equally well in Pennsylvania. Ears average 10 inches in length and from 7½ to 8 inches in circumference, with 18 to 24 rows; both cob and kernel are white. Plant ranges from 10 to 12 feet in height. Matures in 110 to 120 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Red Cob Ensilage.—An excellent silo corn, stalks tall, short jointed and very leafy, producing as high as 45 tons of fodder per acre. Ears large with pure white, deep grains; cob red.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

Reld's Yellow Dent.—One of the most popular yellow dent varieties. Ears average 9 to 11 inches in length, filled with deep kernels of a rich golden yellow which almost entirely cover both butt and tip ends. Being of leafy, luxuriant growth, it makes the finest ensilage and fodder. Matures in 115 days.

1 qt., 20c.; 1 pk. (14 lbs.), \$1.10; bu. (56 lbs.), \$4.00.

POP CORN

Postage extra. See inside front cover.

Culture.—Plant when danger of frost is over in hills 3 to 4 feet apart each way, leaving 3 or 4 stalks to the hill. May also be sown in drills 3 to 4 feet apart, dropping the seeds 1½ to 2 feet apart in the drills, allowing only 2 plants to the hill. Use 2 quarts to the acre.

Japanese Rice.—Also called Australian Hulless, Tom Thumb, Dwarf Rice. It is dwarf-growing, very heavy yielder; ears short and thick; kernels long but very slim, pure white. It pops perfectly, is very tender, and of the finest quality known for popping.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Mapledale Prolific.—The most prolific pop corn. The ears are very often 8 to 10 inches long, well filled with bright, handsome white grains. The stalk is of vigorous growth, reaching a height of 6 feet. Excellent for popping.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

Pop Corn for popping only.—Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

Red Beauty.—The grains of this variety are red.
Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$15.00.

Queen's Golden.—A trifle larger than others in size, color deep yellow. It pops perfectly white. Produces four to six ears on a stalk.
Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

White Rice.—A popular variety. The white grains are sharply pointed, very popular for popping.
Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$14.00.

BIRD SEEDS

ALL RECLEANED

Prices subject to variations of the market. If wanted by mail, add postage at Parcels Post Rates on inside front cover.

Bird Seed.—Mixed.
Lb., 12c.; 10 lbs., 90c.; 100 lbs., \$7.00.

Canary, Sicily.—Selected.
Lb., 12c.; 10 lbs., 90c.; 100 lbs., \$7.00.

Flax.—Lb., 15c.; 10 lbs., \$1.10; 100 lbs., \$8.50.

Hemp, Russian.—First quality.
Lb., 10c.; 10 lbs., 70c.; 100 lbs., \$5.00.

Lettuce.—Lb., 30c.; 10 lbs., \$2.70; 100 lbs., \$25.00.

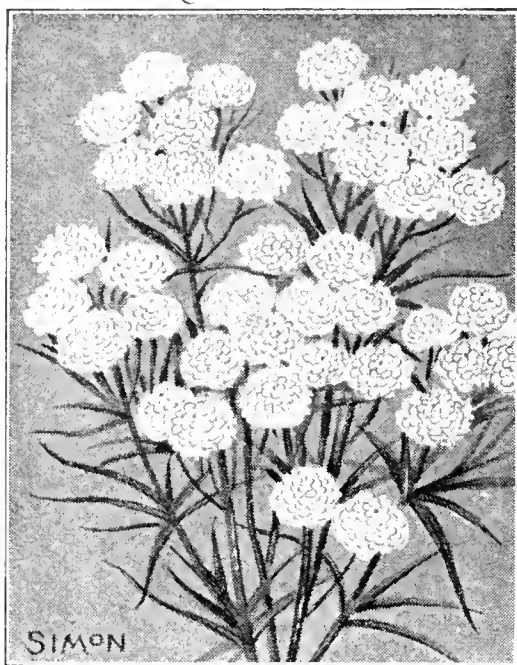
Maw.—Best imported. Lb., 15c.; 10 lbs., \$1.30; 100 lbs., \$11.00.

Millet.—Fine quality. Lb., 10c.; 10 lbs., 65c.; 100 lbs., \$4.00.

Rape, German.—Sweet small seeded.
Lb., 10c.; 10 lbs., 80c.; 100 lbs., \$6.00.

Sunflower.—Best quality.
Lb., 15c.; 10 lbs., \$1.10; 100 lbs., \$9.00.

All Prices on Farm Seeds are subject to change without notice.

*Achillea (Yarrow)***Achillea (Milfoil or Yarrow)**

The Pearl, "P. A."—A very pretty hardy flower, pure white; grows two feet high, bearing from spring till frost, clusters of small double flowers; fine for cutting. Pkt., 10c.

Acroclium (A) (Everlasting Flower)

Showy, free-flowering annual plants. $\frac{1}{4}$ oz., 20c.; Pkt., 10c.

Aconitum (Monkshood) (P)

A handsome plant for the border, producing tall spikes of dark blue helmet-shaped flowers. 4 feet.

Napellus.

Pkt., 10c.

Agrostemma (Rose of Heaven)**(Mullein Pink) (P)**

Tall handsome, single, crimson flowers with silvery green foliage; resembles a single pink. Free blooming. 2 feet.

Coronaria.

Pkt., 10c.

Ageratum (H. A.)

One of the very best bedding plants, being a mass of bloom from early summer till frost. Its flowers, unlike many bedding plants, are not liable to be spoiled by rain, nor do its colors fade out.

Blue Ball.—A fine, new, dwarf, compact variety. Deep blue. $\frac{1}{4}$ oz., 35c.; pkt., 10c.

Little Dorrit.—Azure blue, 8 inches. $\frac{1}{4}$ oz., 35c.; pkt., 10c.

Mexicanum Album Grandiflorum.—Large white. $1\frac{1}{2}$ feet. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Blue Perfection.—Deep blue, 1 foot. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Mixed Varities. $\frac{1}{4}$ oz., 25c.; pkt., 10c.

Alyssum (Mad Wort) (A)

An ever popular border flower, requires least care of all flowers; will bloom in six weeks from planting of seed.

For edges of beds or rockeries its color effect is fine.

Little Gem.—Very dwarf habit, 4 inches high, very erect.

Oz., 50c.; $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Lilac Queen.—Lavender lilac. Dwarf habit, 4 inches high.

Oz., 50c.; $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Benthami.—Grows 12 inches high; excellent for flower baskets and porch boxes. Oz., 30c.; pkt., 10c.

Saxatile Compactum (Perennial Yellow Alyssum.) Pkt., 10c.

Amaranthus (A)

An easily grown annual decorative plant, useful for beds and borders.

Caudatus. Long drooping racemes of deep red flowers.

Oz., 25c.; pkt., 10c.

Sunrise.—A fine bedding variety. Bronzy crimson; foliage tipped salmon carmine. 3 feet. Pkt., 10c.

Tricolor Splendens (Joseph's Coat). Foliage green, variegated crimson and yellow; height, 2 feet. Oz., 25c.; pkt., 10c.

Anchusa Italica (P) (Alkanet)

Dropmore Variety.—A gentian blue perennial growing about 4 feet high, very attractive. Pkt., 10c.

Anthemis (Hardy Marguerite) (P)

A handsome perennial, bearing large daisylike flowers. Blooms all summer. Fine for cutting. 2 feet.

Kelwayi.—Rich golden yellow.

Pkt., 10c.

SIMON'S PERFECTION QUALITY FLOWER SEEDS

Prices on all Flower Seeds Include Postage

In presenting our fifteenth annual catalogue of Perfection Flower Seeds and Bulbs, we wish to thank our numerous patrons for their expressions of confidence, and to assure them that neither time nor expense will be spared in keeping our stocks up-to-date, and maintaining the highest standard of perfection.

Our Growers, both at home and abroad, are specialists of the highest standing, and we have every confidence that our Seeds and Bulbs will produce the best results and give entire satisfaction. Each season we offer Specialties and Novelties of the highest merit, and attention is drawn to our Giant Comet, Royal, American Beauty, and Late Branching Asters; Calendulas, Lupinus, Marigolds, Poppies, Giant Dahlia Flowered Zinnias, etc., which will be found fully described under their respective varieties.

Our list comprises those most popular and of the easiest culture.

Annuals are those which attain full growth, bloom, and die the same year, and are raised from seed exclusively.

Biennials attain full growth, bloom and die the second year from the planting of seed.

Perennials produce plants the first year, which, with a few exceptions, do not flower until second year from planting of seed, after which they bloom every year and last for several years.

The letter "A" following variety indicates Annuals; "B," the Biennials; "P," the Perennials; "P. A.," those Perennials which can be treated as Annuals.

Aquilegia (Columbine) (P)

This beautiful plant thrives in all kinds of soil, in either sunny or shaded spots; possesses graceful foliage; flowers abundantly from early May until last of June; varied colors.

Assorted Long-Spurred Hybrids.

Pkt., 15c.

Antirrhinum (Snap Dragon) (P. A.)

A well-known, beautiful, stately plant, giving a wealth of bloom in pleasing colors; a great border flower.

Giant Large Flowering Type

24 to 30 inches tall

	Oz.	$\frac{1}{4}$ oz.	Pkt.
Blood Red. —Rich, dark crimson maroon	\$0.75	\$0.25	\$0.10
Cottage Mald. —Beautiful pale pink . . . . .	.75	.25	.10
Queen Victoria. —Pure white . . . . .	.75	.25	.10
Yellow. —Large golden yellow . . . . .	.75	.25	.10
Giant Flowered. —Mixed . . . . .	.75	.25	.10

A packet each of four colors, 35c.

Intermediate Type

15 to 24 inches high—for bedding

	Oz.	$\frac{1}{4}$ oz.	Pkt.
Daphne. —Delicate pink	\$1.00	\$0.30	\$0.10
Defiance. —Fiery scarlet	1.00	.30	.10
Golden Queen. —Rich pure yellow	1.00	.30	.10
Mont Blanc. —Pure white	1.00	.30	.10
Half Dwarf. —Mixed	1.00	.30	.10

A packet each of four colors, 35c.

*Giant Comet Aster*

(See page 45)

SIMON'S PERFECTION ASTERS

The most popular of all annual flowers and easy of culture, being invaluable for garden decoration and for cutting. The varieties listed represent the finest Asters of the early, mid-season and late types, and will give a profusion of bloom from July to late October. Asters require good rich soil and during the growing period should be well supplied with water. Wood ashes or slacked lime worked into the soil before planting will prevent stem and root disease to which Asters are liable.

SELECT LIST OF SPECIALTIES

Simon's Six New Asters

These Asters, of American origin, are of great beauty and should be in every collection.

All the varieties are strong growers and produce immense flowers on long stems making them invaluable for exhibition, or for garden display.

Peerless Pink

A splendid new Aster of the branching type producing very large flowers, 4 to 5 inches in diameter, of a pleasing shell pink color, splendid for cutting.

Oz., \$2.00; ¼ oz., 65c.; pkt., 10c.

Heart of France

This is the most striking novelty introduced in late years. The flowers which are borne on long stems, are very large, of rich ruby red color which deepens with age, command instant attention. The plants are of the branching type and of very robust habit.

Oz., \$1.50; ¼ oz., 50c.; pkt., 10c.

Lady Roosevelt

The flowers are enormous; of a deep rose-pink color. A very robust plant whose stout stems are crowned with blooms resembling Chrysanthemums. A mid-season bloomer.

Oz., \$1.50; ¼ oz., 50c.; pkt., 10c.

Red Sensation

The reddest of all red Asters, flowers being borne on long stems.

Oz., \$2.00; ¼ oz., 65c.; pkt., 10c.

Crimson Giant

This variety is of upright growth, the plants growing about 2½ feet tall, and producing large double bright crimson flowers on stems 15 inches, a splendid variety for cutting or the border.

Oz., \$1.50; ¼ oz., 50c.; pkt., 10c.

Lavender Gem

A beautiful variety of the Comet type. The flowers are silvery white when first opening, changing to a beautiful shade of lavender when fully expanded.

Oz., \$1.50; ¼ oz., 50c.; pkt., 10c.

Collection, one packet each of the six New Asters, 50c.

American Beauty Asters

This handsome new variety is of branching habit, and produces immense flowers on long stout stems, the plants growing from 2½ to 3 feet high, and blooming from Early September until frost.

	Oz.	¼ oz.	Pkt.
Caroline Rose	\$2.00	\$0.60	\$0.10
Crimson	2.00	.60	.10
Lavender	2.00	.60	.10
Purple	2.00	.60	.10
Shell Pink	2.00	.60	.10
White	2.00	.60	.10
Finest Mixed	1.50	.50	.10

Giant Comet Asters

Flowers are extra large, with long, wavy, curled petals, similar to Japanese Chrysanthemums. Plants attain a height of 2½ feet; branching habit and long stems.

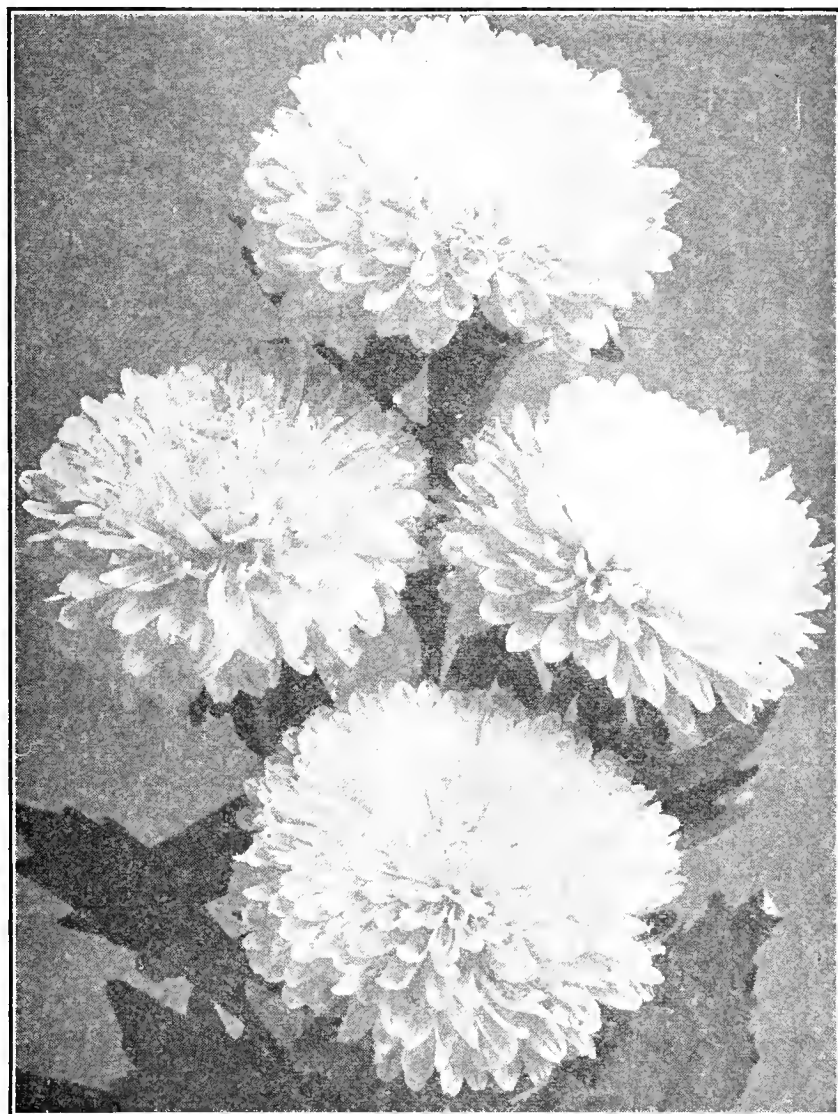
	Oz.	¼ oz.	Pkt.
Crimson	\$1.50	\$0.50	\$0.10
Dark Blue	1.50	.50	.10
Light Blue	1.50	.50	.10
Rose	1.50	.50	.10
Shell Pink	1.50	.50	.10
White	1.50	.50	.10
Finest Mixed	1.25	.40	.10

A packet each of six colors, 50c.

Queen of the Market Asters

An extra early variety, bearing large double flowers, plants of branching habit, having long stems, 2 feet.

	Oz.	¼ oz.	Pkt.
Finest Mixed	\$0.75	\$0.25	\$0.10



Royal Asters

An early flowering strain of the Late Branching Aster, of dwarf habit, producing large flowers of perfect form during July, and lasting in good condition for a long time. A fine midseason variety, useful for cutting.

	Oz.	¼ oz.	Pkt.
Lavender	\$2.00	\$0.60	\$0.10
Purple	2.00	.60	.10
Shell Pink	2.00	.60	.10
Deep Rose	2.00	.60	.10
White	2.00	.60	.10
Choice Mixed	1.75	.50	.10

Improved Giants of California

This splendid new variety, which is an improvement of the Giant Comet type, produces large flowers resembling Chrysanthemums in size of flowers and length of stems. A fine cut-flower variety.

	Oz.	¼ oz.	Pkt.
Deep Purple	\$2.50	\$0.75	\$0.15
Light Blue	2.50	.75	.15
Peach Blossom Pink	2.50	.75	.15
Deep Rose	2.50	.75	.15
White	2.50	.75	.15
Choice Mixed	2.25	.65	.15

American Late Branching Asters

This vigorous variety forms tall, bushy plants. Flowers extra large, borne on long stout stems. It is a great favorite with the florists for late cutting, 2½ feet.

	Oz.	¼ oz.	Pkt.
Crimson	\$1.50	\$0.50	\$0.10
Dark Blue	1.50	.50	.10
Light Blue	1.50	.50	.10
Rose	1.50	.50	.10
Shell Pink	1.50	.50	.10
White	1.50	.50	.10
Finest Mixed	1.25	.45	.10

A packet each of 6 colors, 50c.

Arabis (Rock Cress) (P)

One of the most desirable rock garden plants, producing a mass of showy white flowers very early in spring. 6 inches.

Alpina.

Pkt., 10c.

Arctotis Grandis (A) (African Daisy)

A charming annual, producing a mass of white daisies with steel blue centres, useful for cutting. Pkt., 10c.

Asparagus (G. P.)

An excellent pot plant for conservatory or house decoration.

Plumosus Nanus.—Feathery, fern-like foliage; 18 inches.

100 seeds, 50c.; pkt., 25c.

Sprengeri.—Drooping, feathery foliage; excellent for hanging baskets. 100 seeds, 25c.; pkt., 10c.

Balsam (Lady Slipper)**Double Camelia Flowered Mixed (A)**

An easy growing annual of quick growth, very desirable for garden or pot culture. Set 15 inches apart in rich soil.

 $\frac{1}{4}$ oz., 25c.; pkt., 10c.**Balloon Vine (A)**

A very rapid growing vine, with beautiful foliage and white blossom, which eventually turns into a seed vessel resembling a balloon. Sow the seed out of doors, where they are intended to grow, and allow 6 inches of space between each plant.

Oz., 25c.; pkt., 10c.

Brachycome (Swan River Daisy) (A)**Iberidifolia.**—Mixed colors. $\frac{1}{4}$ oz., 25c.; pkt., 10c.**Begonia (A)**

The plants grow compact about 10 inches high, and into a perfect globular shape. The colors appearing in this class of begonias are very effective, and for edges of walks, beds or for color effect in gardens of formal design there is nothing more decorative. They succeed equally well in sunshine as in shade. Space to be allowed is eight inches for each plant.

Luminosa.—Bright scarlet. Fine bedder.

Pkt., 15c.

Prima Donna.—Pink shading to rose. Free blooming.

Pkt., 15c.

Semperflorens, Fine Mixed.

Pkt., 10c.

**Bellis Perenns (P)
(Double Daisy)**

Favorite perennials producing in spring their handsome, double flowers, and very effective when planted with pansies or forget-me-nots. Rich soil and cool situation suit them best.

Giant Pink.—Extra large flowers almost the size of an aster.

 $\frac{1}{4}$ oz., 85c.; pkt., 15c.**Giant White.** $\frac{1}{4}$ oz., 85c.; pkt., 15c.**Giant Red.** $\frac{1}{4}$ oz., 85c.; pkt., 15c.

Longfellow.—The flowers of this handsome daisy are of enormous size, color a rich dark rose, perfectly double, and borne on long and stiff stems. Of unusual merit.

 $\frac{1}{4}$ oz., 60c.; pkt., 10c.

Snowball.—A fine, large, double, free-flowering, white daisy, which is a companion to Longfellow.

 $\frac{1}{4}$ oz., 60c.; pkt., 10c.

Monstrosa Mixed.—Flowers frequently attain the size of zinnias. The flower stems are long and stiff and almost as thick as a pencil.

 $\frac{1}{4}$ oz., 75c.; pkt., 10c.**Bellis (Double Daisy)****Calendula (Pot Marigold) (A)**

A most popular annual, very showy, grows in any kind of soil. makes a fine effect in mixed beds or borders, a good potting flower.

Orange King.—Large double orange. Oz., 30c.; pkt., 10c.**Lemon Queen.**—Large sulphur yellow Oz., 30c.; pkt., 10c.**Large double, finest mixed** Oz., 25c.; pkt., 10c.**Callopsis (A)**

Very hardy and showy annual, with bright yellow and reddish-brown single daisy-like flowers, easily grown and useful both for garden decoration and cutting.

Blood Red Oz., 20c.; pkt., 10c.

Golden Wave.—Large yellow flowers with dark brown centres. Oz., 20c.; pkt., 10c.

Mixed.—Yellow and brown, and velvety brown.

Oz., 20c.; Pkt., 10c.

Campanula (Canterbury Bells) (B)

This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.

Single, Mixed Colors.—The old-fashioned variety with single bell-shaped flowers. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Calycanthema "Cup and Saucer."—Our mixture includes all the best colors and varieties. $\frac{1}{4}$ oz., 50c.; pkt., 10c.

Pyramidalls.—The Chimney Bell-flower, a hardy perennial flowering in late summer. **Finest mixed.** Height, 3½ feet.

 $\frac{1}{4}$ oz., 50c.; pkt., 10c.**Candytuft (A)**

Candytuft is a very hardy plant, easily grown and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

Giant Empress.—An improved variety, producing very long spikes of bloom resembling a white hyacinth. Oz., 50c.; pkt., 10c.

Pink Oz., 25c.; pkt., 10c.**Crimson** Oz., 25c.; pkt., 10c.**Lavender** Oz., 25c.; pkt., 10c.**Purple.**—Deep rich purple Oz., 25c.; pkt., 10c.

Mixed Colors.—A mixture of the pink, purple, crimson and white varieties. Oz., 25c.; pkt., 10c.

Canary Bird Flower (A. C.)

A highly ornamental creeper, with exceedingly beautiful yellow fringed flowers and finely divided foliage. Oz., 25c.; pkt., 10c.

Cardinal Climber (A)

One of the best annual climbers introduced in many years. Rapid grower, with branching habit; flowers all summer in fiery cardinal-red clusters; 25 feet. Pkt., 15c.

Carnation (A)

Always in demand and not hard to grow. Have a delightful clove fragrance. The "Marguerite" variety will bloom in four months from time of sowing seed.

	Marguerite	$\frac{1}{4}$ oz.	Pkt.
Scarlet		\$0.50	\$0.10
Rose.....		.50	.10
White.....		.50	.10
Yellow.....		.50	.10
Mixed.....		.40	.10
Malmalson, Mixed, Giant Flowered.....		.50	.10
Double Hardy Border (P) Produces a mass of double flowers of various colors.—Choice mixed.....			.15

Celosia (Cockscomb) (A)

Hardy annuals producing peculiar heads of bloom rather resembling a cock's comb, hence the name.

Glasgow Prize.—The finest of all, producing immense heads of glowing crimson..... $\frac{1}{4}$ oz., 50c.; pkt., 10c.

Dwarf Empress.—A miniature plant, with enormous combs of intense bright red. $\frac{1}{4}$ oz., 50c.; pkt., 10c.

Crested Varieties.—Choice Mixed. $\frac{1}{4}$ oz., 40c.; pkt., 10c.

Plumosa or Plumed Varieties

Plumosa Coccinea.—Crimson ostrich plume. $\frac{1}{4}$ oz., 25c.; pkt., 10c.
Finest Mixed.—A choice mixture. $\frac{1}{4}$ oz., 25c.; pkt., 10c.

Chinese Woolflower

This attractive variety produces large plants bearing enormous heads of flowers which resemble balls of silky wool, useful for drying for winter bouquets.

Crimson..... $\frac{1}{4}$ oz., 50c.; pkt., 10c.
Pink..... $\frac{1}{4}$ oz., 50c.; pkt., 10c.

Centaureas (A)

Extremely popular annual, requiring little or no care, and flowering within eight weeks from the date of sowing. Its free and uninterrupted flowering habit, its tendency to branch freely and its value as a cut flower, as well as a garden decoration, is responsible in a great measure for its popularity.

Centaurea Imperialis (Sweet Sultan)

	Oz.	$\frac{1}{4}$ oz.	Pkt.
Alba .—White, 3 feet.....	\$0.75	\$0.25	\$0.10
Favorite .—Rose, 3 feet.....	.75	.25	.10
Splendens .—Dark, purple, 3 feet.....	.75	.25	.10
Lavender .—Giant.....	.75	.25	.10
Finest Mixed .—3 feet.....	.75	.25	.10

Centaurea Cyanus (Corn Flower or Bachelor's Button)

This well-known variety is useful for cutting and for buttonieres and when used with Calliopsis, Marigolds, and other annuals, make a charming combination, of easy culture, usually reseeding itself and coming up each season.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
Double Blue .—Fine for cutting.....	\$0.60	\$0.20	\$0.10
Double Rose .—Bright rose, 2 feet.....	.60	.20	.10
Double Mixed .—All colors.....	.50	.20	.10

Centaurea, Silver Leaved (Dusty Miller)

Useful for hanging baskets, vases, edging borders, and ornamental bedding.

Candidissima.—10 in. Thick silvery white leaves, used for bedding purposes. Pkt., 10c.

Gymnocarpa Dusty Miller.—1 foot. Foliage finely cut of silvery gray color, used for bedding. Pkt., 10c.

Cerastium (P) (Snow in Summer)

A fine rock garden plant, blooming in June. Produces a mass of showy white flowers with silvery foliage. 6 inches high.

Tomentosum. $\frac{1}{4}$ oz., 50c.; pkt., 10c.

Cheiranthus (Siberian Wallflower) (B)

A dwarf hardy biennial plant suitable for the Rock Garden. Blooms all summer if sown in early spring. For spring blooming sow in July and August. 12 inches high.

Allionii.—Brilliant orange.

Pkt., 10c.

Chrysanthemum (Perennial Varieties)

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more.

Shasta Daisy, Alaska.—The finest of all daisies. Stems 2 feet long. Pkt., 15c.

Double, Early-Flowering Japanese.—Japonicum Fl. Pl. Flowers in the open ground from August till November.

Finest Mixed..... Pkt., 15c.

Chrysanthemum (Annual Varieties)

The Annual Chrysanthemums are free-blooming, easily grown plants. They have large daisy-like flowers in a variety of brilliant colors and are fine for cutting.

Coronarum.—Double mixed colors. Oz., 30c.; pkt., 10c.

Tricolor, Single Mixed.— Oz., 30c.; pkt., 10c.

Clarkia

This pretty and easily grown annual will do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut.

Elegans, Double Mixed. Pkt., 10c.

Cleome (Giant Spider Flower)

An annual of great merit producing large heads of spider like flowers on stems about 2½ feet high.

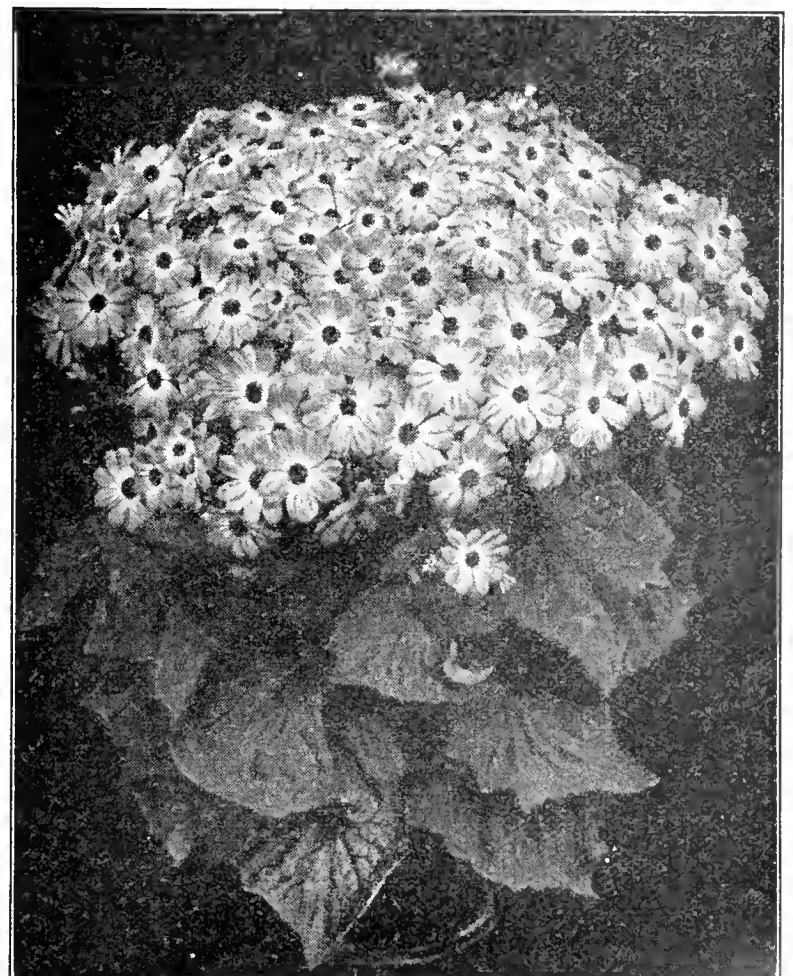
Pungens.—Large pink flowers. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Cineraria (G. A.)

Among the most ornamental of plants that can be grown for hot-house or conservatory decoration. Sow seed from July to September. Young plants require cool location and an abundance of water, especially when coming into flower.

Dwarf Exhibition Hybrids.—Acknowledged to be the finest strain grown; of compact branching habit, with exceptionally large flowers of the richest and brightest colors.

Large pkt., \$1.00; pkt., 35c.



Grandiflora Dwarf Hybrid Cineraria

Coleus Hybrids

An attractive foliage plant for ornamental bedding. Choice mixed, containing a number of fine varieties. Pkt., 15c.

Cobea Scandens (A)

Magnificent, rapid-growing climbers, with large, bell-shaped flowers, adapted for outdoor growth in summer; also for the house and greenhouse. The seed should be started in the house and planted edgewise.

Scandens.—Purple or White. $\frac{1}{4}$ oz., 35c.; pkt., 10c.

Scandens.—Mixed. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Convolvulus (Morning Glory) (H. A.)

The morning glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright-colored, delicately-tinted flowers.

Tall Varieties.—Mixed, all colors. Oz., 20c.; pkt., 10c.

Dwarf Varieties.—Mixed, all colors. Oz., 20c.; pkt., 10c.

Coreopsis (P)

The popular hardy variety, flowers rich golden yellow, blooming the entire summer and autumn. Will bloom the first season if sown early.

Lanceolata Grandiflora.—Single yellow, flowers fine for cutting. Oz., 30c.; pkt., 10c.

Cosmos (A)

One of our most satisfactory hardy annuals, flowering in late summer. Fine for cutting and easily grown. Can be sown anywhere and transplanted. Grows 4 to 6 feet high.

New Double Flowering Cosmos.—This novelty varies considerably in its degree of doubleness, some of the flowers being perfect, while others have a crested centre, with the outside petals forming a collar, each type being very showy. This variety can readily be told when quite young, owing to foliage being heavier than the single variety.

	$\frac{1}{4}$ oz.	Pkt.
White	\$0.60	\$0.10
Pink.....	.60	.10
Crimson.....	.60	.10
Double Mixed. —All colors.....	.60	.10

Giant Early Flowering Cosmos

This variety will flower in 60 days from sowing and blooms continuously till frost. The flowers are large, measuring 3 to 4 inches in diameter, the plant attaining a height of 4 to 5 feet.

	Oz.	Pkt.
Crimson , 4 feet.....	\$0.50	\$0.10
Pink , 4 feet.....	.50	.10
White , 4 feet.....	.50	.10
Mixed , beautiful shades, 4 feet.....	.40	.10

Giant Late Cosmos

	Oz.	Pkt.
Pink , 5 feet.....	\$0.30	\$0.10
Red , 5 feet.....	.30	.10
White , 5 feet.....	.30	.10
Mixed , 5 feet.....	.25	.10



Giant Early Cosmos

Cowslip (P)

The Old Favorite English Cowslip.—This beautiful spring flowering dwarf primula veris bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. They are particularly pretty when grown in good sized colonies in partially shaded situations, naturalized or in shrubbery or herbaceous borders. Height 6 inches.

Fine mixed colors.

Pkt., 10c.

Cypress Vine (A)

Beautiful and popular, tender climber, delicate, fern-like foliage, numerous flowers.

	Oz.	Pkt.
Scarlet. —Very brilliant.....	\$0.40	\$0.10
White.....	.40	.10
Mixed.....	.30	.10

Cyclamen (G. P.)

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The culture of the Cyclamen from seed is comparatively easy.

Cyclamen Persicum, Covent Garden Strain.—Extra choice mixed. Pkt., 25c.

Persicum Giganteum.—From prize English collections. The colors are deep crimson, purest white, rose and white with carmine spots and flakes. Pkt., 50c.

Cynoglossum (Chinese Forget-Me-Not) (A)

This splendid annual produces long sprays of fragrant flowers resembling the Forget-Me-Not. Free blooming, and of easy culture. 12 inches high.

Amabile.—Intense blue flowers.

Pkt., 10c.

Dahlia (H. H. P.)

Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good feeding with liquid manure will greatly increase blooms. Seed saved from choice collections of noted growers.

	$\frac{1}{4}$ oz.	Pkt.
Choice Double Mixed	\$0.50	\$0.10
Choice Single Mixed.....	.25	.10
Cactus Flowered Mixed.....	.50	.10
Giant Hybrids, Choice Mixed.....	.75	.10

Coltness Hybrids.—This new dwarf variety produces a mass of miniature single flowers in a variety of colors. The dwarf plants are fine for beds or borders. 18 inches high.

Choice Mixed.....\$0.75 Pkt., 10c.

Datura (A)

Large, branching plants producing very large handsome, double or single, trumpet-shaped blossoms of exquisite fragrance. Excellent for late summer and autumn flowering.

Cornucopia (Horn of Plenty).—A magnificent variety, stems dark purple maroon, flowers average 8 inches long by 5 inches across mouth, interiors being glistening French white, with purple exteriors. Pkt., 10c.

Delphinium (P) (Hardy Larkspur)

Great improvement has been made in the form and colors of these splendid border perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubbery borders, and for cutting purposes.

	Pkt.
Belladonna. —Turquoise blue.....	\$0.15
Bellamosum. Rich, deep blue.....	.15
Cardinale. —Brilliant scarlet.....	.15
Selected Hybrids. —Mixed $\frac{1}{4}$ oz.,	\$0.30 .10

Giant Exhibition Hybrids.—A fine strain of the best varieties, producing large spikes of handsome flowers of the choicest colors. Pkt., 15c.

Didiscus (Blue Lace Flower)

A charming annual blooming from July till frost. The plant is vigorous, growing to a height of 18 inches and producing a large number of pale lavender flowers which are useful for bouquets.

Coeruleus.....Pkt., 15c.

Dianthus or Pinks (A)

There are few annual flowers that will produce such a brilliant display of color for so long a time as the various varieties of dianthus. Seed sown in the spring produces a beautiful display of flowers from July to November. If the plants are given some light protection they will live over the winter and flower very early the following spring.

Double Japan Pink (Dianthus Heddeuigl).—Remarkably large and double, and of brilliant colors. The flowers are as large as the finest carnations.

Choice Mixed. ¼ oz., 25c.; pkt., 10c.

Double Chinese Pink (D. Chlnensis).—Flowers very double and produced in clusters.

Choice Mixed. ¼ oz., 25c.; pkt., 10c.

Single Dianthus.—The single flowering dianthus makes a most brilliant show of color in the garden.

Choice Mixed. ¼ oz., 25c.; pkt., 10c.

Plumarius (Pheasant's Eye).—Hardy, single, white, fringed flowers with dark centre. ¼ oz., 20c.; pkt., 10c.

Dianthus Plumarius Semperflorens.—Everblooming hardy garden pinks double and semi-double varieties.

Finest Mixed. Pkt., 10c.

Sweet Wivelsfield.—A new annual hybrid variety. The large flowers, which resemble Sweet Williams, are borne in clusters. Blooms all summer.

Choice Mixed. Pkt., 15c.

Digitalls (Foxglove) (P)

Excellent hardy perennials producing long clusters of tubular flowers. Splendid for shrubberies, shady places and borders.

Gloxinaeflora, Mixed. ¼ oz., 30c.; pkt., 10c.

Dimorphotheca (Orange River Daisy)

A showy garden annual, splendid for cutting. The daisy-like blooms are borne on long stems. Height 18 inches.

Aurantlaca Hybrids.—A fine mixture of shades from white to rich rose. ¼ oz., 50c.; pkt., 10c.

Dolichos (Hyacinth Bean)

A very rapid-growing, hardy annual climber, bearing pea-shaped blossoms and ornamental seed pods. Fine for covering screens etc., 10 feet. **White and purple.** Oz., 20c.; pkt., 10c.

Echinocystis (Wild Cucumber Vine) (A)

The fastest growing annual vine in existence; will grow 20 feet in six weeks; pretty foliage and inconspicuous white flowers; soak seed in water over night before planting in dry weather.

Lobata. Oz., 25c.; pkt., 10c.

Eschscholtzia (California Poppy) (A)

The beautiful lace-like foliage covers the entire growth a foot high, and has a silvery sheen. The cone-shaped poppy flowers appear on fairly long stems from June until frost without interruption.

	Oz.	Pkt.
California, Bright yellow	\$0.30	\$0.10
Pure White.....	.30	.10
Rose Pink.....	.30	.10
Golden West, Rich yellow.....	.40	.10
All Shades Mixed.....	.30	.10

Euphorbia (A)

Tall growing annuals, suitable for beds or borders, ornamental foliage.

Variegata, Snow on the Mountain.—Foliage veined, edged with white. 2 feet high. Pkt., 10c.

Heterophylla, Summer Poinsettia.—Produces glossy dark green leaves which turn orange scarlet in midsummer. 2 to 3 feet high. Pkt., 10c.

Geranium

Zonale Mixed. A mixture of the largest and choicest varieties. Pkt., 10c.

Gourds (A)

Interesting annual climbers of rapid growth, with ornamental foliage and singular shaped fruit.

Calabash Large.—Useful for pipe making. Oz., 25c.; pkt., 10c.

Dipper.—Used for dippers; 9 to 12 inches long, hold from 1 to 4 pints; will last for years. Oz., 25c.; pkt., 10c.

Japanese Nest Egg.—Exactly like a hen's egg in shape, color and size. Oz., 25c.; pkt., 10c.

Orange-Shaped.—(Mock Orange). Oz., 25c.; pkt., 10c.

Hercules Club.—Club shaped. Oz., 25c.; pkt., 10c.

Mixed Varities.—Contains all the above-mentioned sorts. Oz., 25c.; pkt., 10c.

**Gaillardia**

A very showy flower and easily raised from seed, the annual varieties being about 18 inches high and free flowering. The perennial variety should be sown early to produce large plants for the following season.

Picta, Mixed Colors (A).—Single flowers. Oz., 30c.; pkt., 10c.

Lorenzlana, Mixed (A).—A charming, profuse, double-flowering, strain; beautiful mixed colors. Oz., 30c.; pkt., 10c.

Single Gaillardia (Grandiflora) (P).—Very large and showy, red flowers bordered with deep yellow. The flowers grow on stems 2 feet long and are often 3 inches in diameter. Oz., 50c.; pkt., 10c.

Geum (Avens) (P)

Showy double, dark crimson flowers on long slender stems, blooming all summer. Fine cut flowers. 18 inches.

Atrosanguinum Fl. Pl. Pkt., 10c.

Globe Amaranth (Batchelor's Buttons) (A)

A showy annual, useful for drying for winter bouquets.

Choice Mixed. Oz., 50c.; pkt., 10c.

Godetia

An attractive, hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

Dwarf Sorts Mixed.—Many brilliant colors. Height, 10 inches. ¼ oz., 15c.; pkt., 10c.

Gypsophila (Baby's Breath) (H. A.)

Graceful, free flowering plant, forming a symmetrical bush, covered with loose panicles of flowers, excellent for cutting and mixing in bouquets.

Elegans Grandiflora Alba (Paris Market).—This is an improved large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Oz., 25c.; pkt., 10c.

Elegans Carminea.—A blush pink form of above. Very free flowering. Oz., 30c.; pkt., 10c.

Paniculata (P).—White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. ¼ oz., 25c.; pkt., 10c.

Heliotrope (2 ft.) (H. H. P.)

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. Seed sown in the spring, makes fine plants for bedding out, and are as easily grown as Verbenas. The colors of the blossoms range from white through all shades of violet to the deepest purple.

Mammoth Mixed.—Flowers of great size and ranging in shade from dark blue to lilac. ¼ oz., 50c.; pkt., 10c.

Hellanthus (Sunflower) (A)

The strong growth of these well-known plants makes them unsuitable for bedding; but they are very useful for massing in shrubbery or borders, and for screening purposes. They do well in sunny positions, in any kind of soil. The dwarf kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.

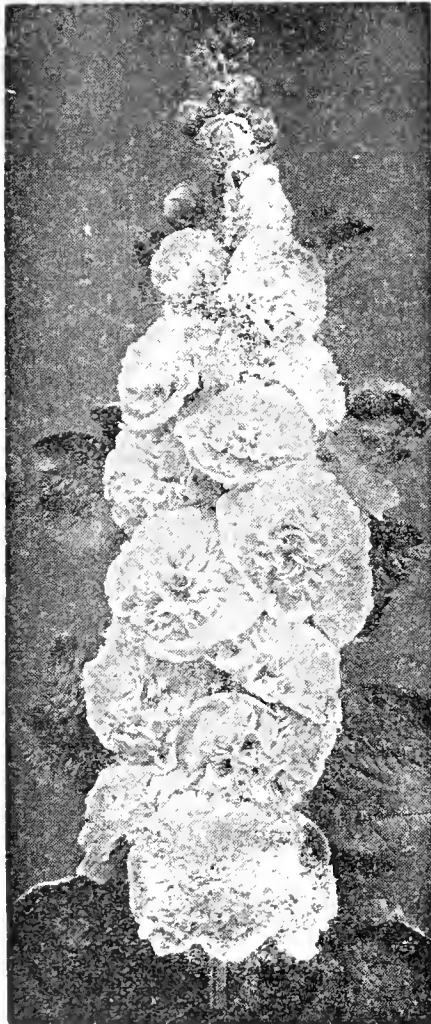
Red Sunflower.—The diversity of form of the Red Sunflower is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk; 3 feet high. Pkt., 10c.

Nanus Flora Plena.—Double dwarf, beautiful for massing in beds. 2½ feet. Oz., 30c.; pkt., 10c.

Globosus Fistulosus Fl. Pl. (Double Globe or Dahlia Sunflower)—Flowers a rich saffron color. 6 feet. Oz., 30c.; pkt., 10c.

Chrysanthemum Flowered.—Large golden yellow flowers resembling a Chrysanthemum. Oz., 30c.; pkt., 10c.

New Miniature.—A mixture of the new dwarf sunflowers in a variety of colors. ¼ oz., 20c.; pkt., 10c.



Double Hollyhocks

Helichrysum (Straw Flower) (A)

A hardy annual of the easiest culture; one of our best "Everlasting" flowers, the dried double blooms being very handsome in winter bouquets; 2 feet. Mixed; Oz., 50c.; pkt., 10c.

Hollyhocks (P)

Hollyhocks require a rich soil, but it must be well drained. We have given especial attention to this flower and you will find our strains of seed of the finest quality. Once thoroughly established they bloom stronger and more brilliantly every year. Seeds sown early and the young plants transplanted several times, will bloom the same season; July and August sown seed, following year; 5 to 8 feet.

Chater's Improved Double Hollyhock

	¼ oz.	Pkt.
Pink	\$0.40	\$0.10
Red .....	.40	.10
White .....	.40	.10
Yellow .....	.40	.10
C h o i c e		
mixed .....	.40	.10
Single Ever-		
Blooming,		
Mixed ....	.25	.10

Ipomoea (Moonvine) (A)

Beautiful, rapid annual climbers. Foliage very dense and of remarkable shape. Seeds should be soaked in warm water for 24 hours before sowing to assist rapid germination. The seeds about the size of a pea should be notched with a file before soaking.

Mexicana Grandiflora Alba.—Large white flowers, 5 to 6 inches in diameter. Pkt., 10c.

Japanese Imperial Fringed.—Large fringed flowers of many beautiful colors and shades. Oz., 25c.; pkt., 10c.

Rubra Coerulea (Heavenly Blue).—Very large flowers of Sky blue. A splendid climber. Pkt., 10c.

Iberis (Hardy Candytuft) (P)

Low growing perennial, useful for border; flowers pure white, blooming in early spring. Pkt., 10c.

Iris (P)

Kaempferi.—The well-known Japanese varieties. Seed saved from the choicest varieties. 3 feet.

Finest Mixed.

Pkt., 10c.

Kochia (A)

Summer Cypress or Mexican Fire Bush.—An easily grown annual, which grows into a cypress-like hedge, with feathery foliage; at the approach of autumn the foliage turns to a deep red color; 2 to 3 feet. Oz., 20c.; pkt., 10c.

Kudzu Vine

Kudzu Vine.—A rapid growing hardy climber of great merit, growing 8 to 10 feet the first season from seed. Flowers are pea shaped, of a rosy purple color. Pkt., 10c.

Lathyrus (Latifolius) (Perennial Pea) (H. P.)

Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places.

Finest Mixed.

Oz., 50c.; pkt., 10c.

Lantana (A)

Showy bedding plants of as easy culture as Verbena or Geranium; flowers freely produced in beautiful clusters, and constantly changing in hue.

New Dwarf Bedding Hybrids. 1 foot.

Pkt., 10c.

Larkspur (Annual Varieties)

One of the best hardy annuals lasting a long time in flower. In order to have blossoms from July until frost the seeds should be sown in the open as early as possible, exceptionally good for cutting.

Double Tall Branching, or Stock Flowered.—The finest class of all Larkspurs for cutting and borders, with long spikes of large, double flowers, 2 feet.

Dark Blue.

Oz., 60c.; pkt., 10c.

Lilac.

Oz., 60c.; pkt., 10c.

Lustrous Carmine.

Oz., 60c.; pkt., 10c.

Pure White.

Oz., 60c.; pkt., 10c.

Shell Pink.

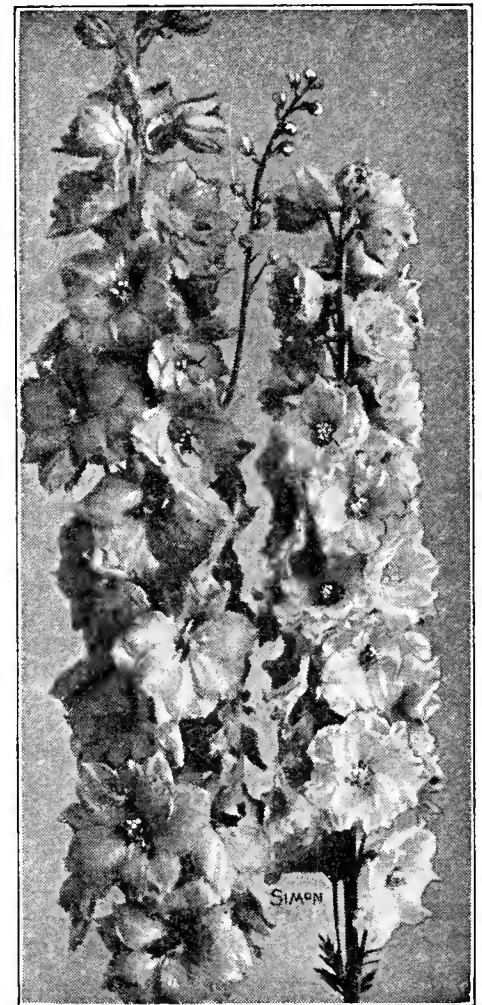
Oz., 60c.; pkt., 10c.

Sky Blue.

Oz., 60c.; pkt., 10c.

Giant Hyacinth-Flowered.—Finest mixed.

Oz., 50c.; pkt., 10c.



Larkspur

Lavender (P)

An old garden favorite. Valued for its sweet-scented leaves and flowers. 1½ feet.

Lavendula Vera. Blue.

Oz., 50c.; ¼ oz., 20c.; pkt., 10c.

Linaria (Kenilworth Ivy) (H. P.)

Small flowers of lavender and purple colors. A charming, neat hardy perennial trailing plant, suitable for baskets, vases, pots and rockwork.

Cymbalaria.—Mixed colors.

Pkt., 10c.

Linum (Flax) (P)

A splendid border or rock garden plant, producing large blue flowers on long slender stems and blooming all summer. 18 inches.

Perenne.

Pkt., 10c.

Lobelia

This charming variety (*L. erinus compacta*) forms compact bushes about 6 inches high and are covered with bloom throughout the season. Highly desirable for edging ribbon bedding and garden decorations as well as for pot culture. They flower the first season from seed.

Crystal Palace. Deep Blue.

Pkt., 10c.

Lunaria (Honesty) (B)

This interesting biennial can be grown as an annual. The silver seed pods are dried and used for winter bouquets and decorative purposes.

Biennis Alba.

Pkt., 10c.

Lupinus

An annual of branching habit, of easy culture and very popular, producing long spikes of pea-shaped blossoms, useful for mixed borders and for cutting.

Hartwegl.—A splendid mixture of colors. Oz., 25c.; pkt., 10c.

Polphyllus Mixed.—A handsome perennial variety, very effective for borders. Oz., 40c.; pkt., 10c.

Lychnis (Jerusalem Cross) (P)

A fine variety for beds or borders, producing showy heads of scarlet flowers the first season, if sown early. 2 to 3 feet.

Chalcedonica.

Pkt., 10c.

Marvel of Peru (Four O'Clock) (H. A.)

Large, showy, fragrant flowers, blooming the entire season. Succeeds well in any ordinary garden soil; flowers are usually crimson, yellow and purple, requiring a sunny location. Fine for beds or borders.

Finest Mixed.

Oz., 20c.; pkt., 10c.



African Marigold

Marigold (Tagetes) (A)

In autumn when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is invaluable.

The African varieties produce large self-colored blossoms on tall plants, the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted.

Orange Prince, double orange.—3 feet. ¼ oz., 25c.; pkt., 10c.

Lemon Queen, double, sulphur-yellow.—3 feet.

¼ oz., 25c.; pkt., 10c.

Legion of Honor, Little Brownie.—6 inches, splendid for borders, rock gardens, etc. ¼ oz., 20c.; pkt., 10c.

Mammoth African, Double.—Finest mixed. 3 feet.

¼ oz., 20c.; pkt., 10c.

French Dwarf Double.—Finest mixed. 2 feet.

¼ oz., 20c.; pkt., 10c.

Matricaria Capensis

Double White Feverfew.—Free flowering annuals, blooming the entire season, fine for pots and borders. Pkt., 10c.

Mignonette (Reseda Odorata) (H. A.)

Seed of this popular hardy annual can be sown at any time, and if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November. Sow in pots or boxes under glass in February or March, and thin out or pot the seedlings to make good plants for bedding out in May.

Sweet-scented (Reseda Odorata).—The old variety, with small spikes, but very sweetly scented. Oz., 15c.; pkt., 10c.

Momordica (A. C.)

Handsome climbing vines with inconspicuous flowers, but having large warted, golden yellow fruits, which, when ripe, split open and display showy, bright red seeds. Often used medicinally.

Balsamina (Balsam Apple).—Yellow. Oz., 35c.; pkt., 10c.

Charantia (Balsam Pear).—Yellow. Oz., 35c.; pkt., 10c.

Myosotis (Forget-Me-Not) (B. P.)

Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young plants wintered in cold frames.

Palustris Semperflorens. (P.).—Dwarf; blooms the entire season, deep blue. Pkt., 10c.

Alpestris Victoria.—Deep blue. Pkt., 10c.

Finest Mixed.—8 inches. ¼ oz., 25c.; pkt., 10c.

Nigella (Love-in-a-Mist) (H. A.)

Plants bear very showy flowers, with the foliage finely cut which surrounds the flower.

Damascena.—Fine mixed colors. ¼ oz., 20c.; pkt., 10c.

Miss Jekyll.—Sky blue, extra double, splendid variety. ¼ oz., 25c.; pkt., 10c.

Nicotiana (Flowering Tobacco)

Extremely showy annual plants, giving a continuous display of brilliant flowers through the summer and autumn; plants are of branching habit.

Nicotiana Affinis.—An annual with sweet-scented pure white star-shaped flowers, 3 inches across, blooming continually; 2 to 3 feet high. Pkt., 10c.

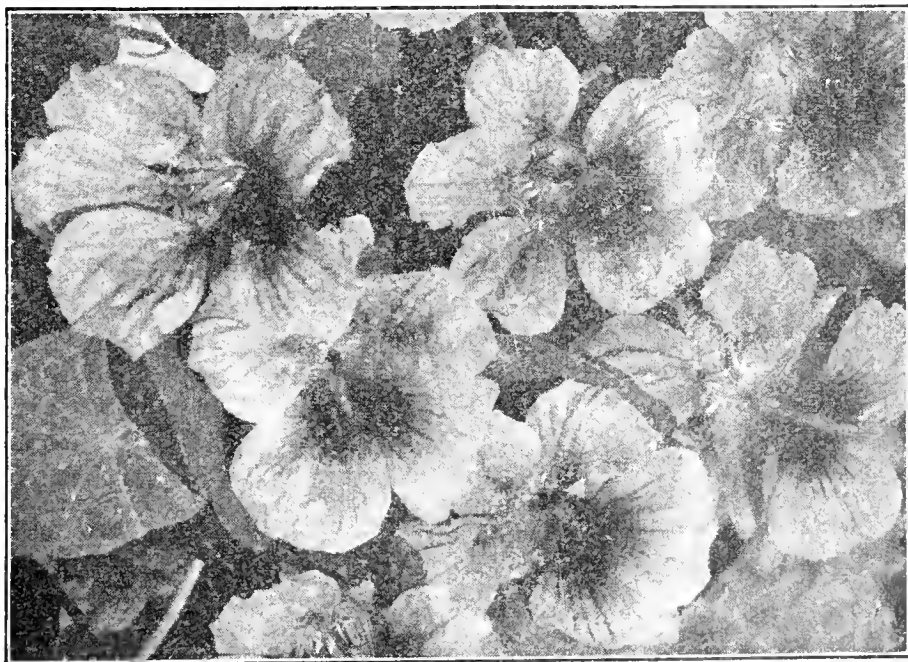
Sanderae (Giant Red Flowered).—The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers, 5 feet. Pkt., 10c.

Sanderae Hybrids.—Bears its brilliant flowers on bushy, branching plants, 2 feet high. It will give a continuous display of bloom all the summer and autumn in the open ground.

Mixed Colors. Pkt., 10c.

Nasturtium (Tropaeolum) (A)

A great variety of soft and pleasing colors. The seed we offer is a selected strain and mixed in proper proportions so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted one inch deep, early in April, in any convenient place, and the plants when large enough, transplanted to their permanent places.

**Tall Varieties**

	Oz.	Pkt.
Chameleon. —Different colors on one plant.....	\$0.20	\$0.10
King Theodore. —Crimson Maroon.....	.20	.10
Pearl. —Creamy Yellow.....	.20	.10
Prince Henry. —Pale Yellow, Carmine blotches....	.20	.10
Rose. —Rose color.....	.20	.10
Vesuvius. —Rich deep Apricot.....	.20	.10
Choice Mixed.....1 lb., \$1.50; ¼ lb., 50c.;	.15	.10

Tom Thumb or Dwarf Varieties

	Oz.	Pkt.
Chameleon. —Different colors on one plant.....	\$0.20	\$0.10
Crystal Palace Gem. —Orange yellow, garnet blotches	.20	.10
Empress of India. —Crimson.....	.20	.10
King of Tom Thumbs. —Scarlet.....	.20	.10
Prince Henry. —Pale Yellow, Carmine blotches....	.20	.10
Rose. —Rose color.....	.20	.10
Choice Mixed.....1 lb., \$1.50; ¼ lb., 50c.;	.15	.10

Pansy (B)

Pansies delight in a cool, moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring, seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well although the flowers produced are not so large.

Giant Pansies, Separate Colors

	Oz.	¼ oz.	Pkt.
White	\$1.50	\$0.50	\$0.10
Yellow	1.50	.50	.10
Black	1.50	.50	.10
Light Blue	1.50	.50	.10
Dark Blood Red	1.50	.50	.10
Fire King.—Golden yellow and purple	1.50	.50	.10
Lord Beaconsfield.—Lavender and purple	1.50	.50	.10
Freya.—Silver edged purple	1.50	.50	.10
Choice Mixed	1.00	.30	.10
Giant Trimardeau.—Very large flowering; all colors mixed	1.25	.40	.10

Roggli Giants (New Swiss Pansy)

This fine variety produces flowers of an enormous size in many attractive colors and shades, on long stems.

Choice Mixed Colors. Oz., \$8.00; ¼ oz., \$2.50; pkt., 25c.

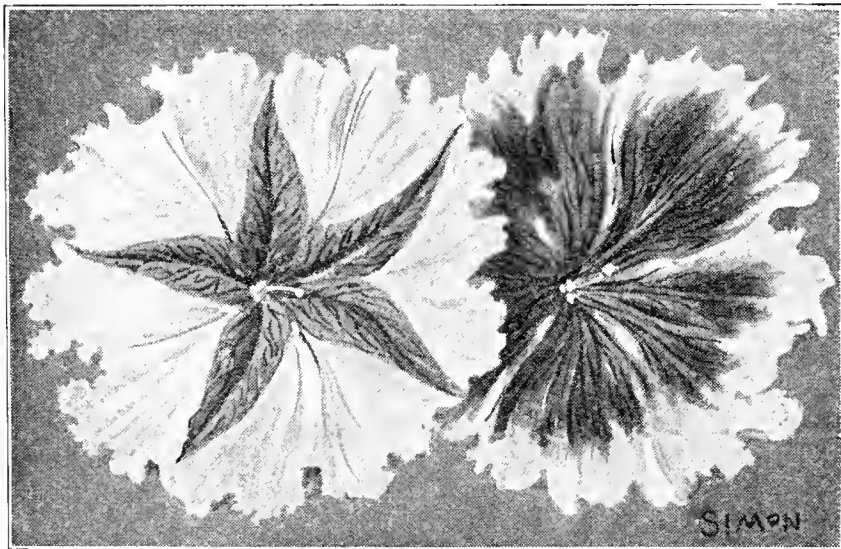
Perfection Mixed—Exhibition Strain

A high grade mixture of giant varieties from the leading Pansy specialists both at home and abroad; for size, texture, and colors, it cannot be beaten.

Oz., \$6.00; ¼ oz., \$1.75; Pkt., 25c.

Petunias (A)

Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. They are also good house plants, flowering freely in a sunny window. Seed can be sown in the open ground early in the spring or in a hot bed or cold frame, to be transplanted later to beds or borders. Height 1 to 1½ feet.

*Giant Fringed Petunias***Bedding Varieties**

- Alderman.**—Velvety purple. Fine for bedding. Pkt., 15c.
Brilliant Carmine Rose.—Fine for bedding. Pkt., 10c.
Dwarf Inimitable.—Fine striped and blotched variety, splendid for beds and borders. Pkt., 10c.
Rose of Heaven.—Fiery rose pink. An attractive bedding sort. Pkt., 10c.
Howard's New Star.—Dark Crimson maroon, with rich, velvety texture and clearly defined five-rayed star of blush white. Over 80 per cent. of the plants from seed will produce star markings. Pkt., 10c.
Rosy Morn.—Soft carmine pink with white throat; makes a very dainty and at the same time an effective border. Pkt., 10c.
Hybrid Snowball.—A very dwarf variety, with beautiful, large, satiny-white flowers. Pkt., 10c.
Choice Single, Mixed.—A splendid strain of small-flowering sorts in great variety of colors. ¼ oz., 30c.; pkt., 10c.

Fringed Varieties

- Dwarf Giants of California (Ramona).**—Produces large fringed and ruffled flowers on dwarf sturdy plants. Fine for pot culture. Pkt., 35c.
Choice Mixed Colors. Pkt., 35c.
Single Fringed Finest Mixed.—A strain of incomparable beauty and luxuriance. Flowers most varied in colors and markings, beautifully fringed and of enormous size. Pkt., 25c.
Double Fringed Mixed.—A fine strain of large flowering double fringed varieties. Pkt., 35c.

Phlox (A)

Phlox makes a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer. Sow seed in the open ground in the spring. A light soil is best.

Both kinds named below are of the improved "Grandiflora," or large-flowering strain, which produce much larger flowers than the old kind.

Drummond Grandiflora

Brilliant Scarlet.—Flowers large and of an intensely brilliant scarlet color. ¼ oz., 35c.; pkt., 10c.

Pink.—Large flowers, light pink. ¼ oz., 35c.; pkt., 10c.

Pure White.—Large flowers. ¼ oz., 35c.; pkt., 10c.

Mixed Colors.—A great variety of the most brilliant colored and beautifully marked flowers. A bed or border of these phlox is a beautiful sight. ¼ oz., 30c.; pkt., 10c.

Phlox Cuspldata (Star Phlox)

A novel variety of dwarf habit, producing star shaped flowers.

Mixed Colors. ¼ oz., 40c.; pkt., 10c.

Dwarf Varieties (Nana Compacta)

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow in neat little bushes, about 8 inches high, covered with flowers during the whole summer and fall, as large as those of the Drummond and as easy to grow.

Dwarf Chamols Rose.—Delicate pink. ¼ oz., 60c.; pkt., 10c.

Dwarf Snowball.—Flowers pure white; the plants resemble large snowballs when in full bloom. ¼ oz., 60c.; pkt., 10c.

Dwarf Fireball.—Glowing, brilliant scarlet. ¼ oz., 60c.; pkt., 10c.

Dwarf Phlox In Mixture.—Ten colors in choicest mixture. ¼ oz., 50c.; pkt., 10c.

Hardy Perennial Phlox

Decussata (Hardy Phlox).—One of the finest perennials, producing large heads of colored flowers, blooming in August and September.

Finest Mixed. ¼ oz., 75c.; pkt., 10c.

Physallis (Chinese Lantern Plant) (P)

A useful variety for winter bouquets. The large orange scarlet fruits are very ornamental. 2 feet.

Franchetii. Pkt., 10c.

Poppies (A)

Annual and perennial plants of very easy culture, which furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order and the annual varieties will flower from June on for some weeks. The perennial Oriental Poppy does not flower from seed the first year.

New Single Poppy, Flanders Fields

This is the scarlet poppy which is found growing on the battle-fields of Flanders, an intense scarlet. ¼ oz., 25c.; pkt., 10c.

New Shirley Poppy

The very finest strain of single Poppies. All colors from white to deep scarlet.

Finest Mixed. Oz., 50c.; pkt., 10c.

Double Carnation Flowered

A very showy fringed variety.

Choice Mixed Colors. Oz., 25c.; pkt., 10c.

Paeony Flowered Double Mixed

Large double flowers resembling a double Paeony.

Choice Mixed Colors. Oz., 25c.; pkt., 10c.

Single Mixed.—Varied assortment, all colors. Oz., 25c.; pkt., 10c.

Double Mixed.—Varied assortment, all colors. Oz., 25c.; pkt., 10c.

Hardy Perennial Poppies

Oriental (P).—This is extremely hardy and once established lasts for years. It produces immense single flowers four inches across and flowers in early summer. Sow the seed thinly, early in the spring, and leave the plants until September before moving them to the permanent garden.

Hybrids Choice Mixed. ¼ oz., 40c.; pkt., 10c.

Iceland (Nudicaule) (P).—A mixture of choice colors, blooming the first year if sown early in the spring. Height 1 foot.

Finest Mixed. Pkt., 10c.

Portulaca "A" (Sun Plant)

Beautiful little plants which will bloom profusely all summer. Their richly-colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy annual, $\frac{1}{2}$ foot.

Grandiflora.—Single mixed. $\frac{1}{4}$ oz., 20c.; pkt., 10c.

Grandiflora.—Double mixed, producing a large percentage of double flowers. $\frac{1}{4}$ oz., 75c.; pkt., 10c.

(Primula Primrose)

Chinese Fringed.—A desirable variety for the window or conservatory, blooming in winter and early spring. The flowers are large and finely fringed with a full range of the best colors.

Choice Mixed Colors. Pkt., 25c.

Primula Malacoides

An introduction from China that has proved itself to be one of the freest-flowering species for pots yet introduced. Seeds sown in February produce plants that will bloom from May till July, while by sowing in August it can be had in flower throughout the winter months. Flowers are a delicate shade of lilac. A fine window or greenhouse plant.

Malacoides.—Lilac. Pkt., 15c.

Malacoides Superba.—Mixed Colors. Pkt., 15c.

Primula Obconica (Japanese Primrose)

A profuse blooming Primrose, bearing on long stems, heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily.

Obconica Grandiflora.—The flowers are often 1 inch in diameter and thrown well above foliage, making it very attractive.

Finest Mixed. Pkt., 15c.

English Primrose

The well known hardy variety, growing 6 inches high and producing light yellow flowers in the early spring.

Primula Vulgaris. Pkt., 10c.

Pyrethrum

Very ornamental, both foliage and flowers. Well adapted for bedding and borders. Sow outdoors in spring as soon as ground can be worked, or for best results start seed indoors and transplant after danger from frost is past.

Parthenifolium Aureum (Golden Feather).—Beautiful dwarf gold-leaved bedding plant. Flowers white. Half hardy perennial, often treated as an annual; height, 1 foot. Oz., 30c.; pkt., 10c.

Hybridum Single.—Large flowers ranging in color from light pink to deep red, with bright yellow centres, 2 feet.

Finest Mixed. Pkt., 10c.

**Salpiglossis (Painted Tongue)****Ricinus (Castor Bean) (A)**

Stately, strong growing plants, with very ornamental foliage, well adapted as centre plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

Zanzibariensis Mixed.—10 to 12 feet. The ornamental leaves, beautifully lobed, are $2\frac{1}{2}$ to 4 feet across. Each plant makes a perfect pyramid of foliage thickly set from top to bottom.

$\frac{1}{4}$ lb., 50c.; oz., 15c.; pkt., 10c.

Mixed.—Many sorts.

$\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 10c.

Rudbeckia (Cone Flower) (A)

A free-flowering annual, producing a mass of showy golden yellow flowers with dark brown centers. Fine for cutting. 2 feet.

Bicolor Superba.

Pkt., 10c.

Salpiglossis Superbissima, Giant Strain

A giant strain of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne on dwarf sturdy branching plants, not exceeding 24 inches in height, that do not require staking. The colors, red, blue, yellow, pink, etc., in various shades, are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. The long-stemmed flowers are fine for decoration.

All Colors Mixed.

$\frac{1}{4}$ oz., 40c.; pkt., 10c.

Salvia (A)**(Scarlet Sage)**

Very ornamental plants, for summer and autumn flowering; bloom in spikes, and continuing to bloom in the open ground until hard frost, forming compact bushes, which are literally ablaze with brilliant flowers. While tender perennials, they bloom like annuals the first season from seed. The plants may be started in a box in the house, or in the hot-bed, and when the weather becomes warm transplant in the garden. May be used as a hedge with striking effect.

Splendens Grandiflora (Scarlet Sage).—Gorgeous plants, numerous spikes of intensely vivid scarlet; flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall. Of easy growth. The most popular Salvia in cultivation. Oz., \$2.00; $\frac{1}{4}$ oz., 60c.; pkt., 10c.

Bonfire.—Plants form sturdy bushes about two feet high by two feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. Oz. \$2.50; $\frac{1}{4}$ oz., 75c.; pkt., 10c.

**Salvia**

Zurich.—Early flowering and of dwarf habit, producing an abundance of bright scarlet flowers from early July to frost. A fine bedding variety, 18 inches high. Oz., \$3.00; $\frac{1}{4}$ oz., 85c.; pkt., 10c.

Farinacea.—A very showy perennial, producing spikes of bright blue flowers on long stems. It can also be grown as an annual. 2 feet. Pkt., 10c.

Scabiosa (H. A.) (Mourning Bride)

Fine free-blooming plants for mixed borders and excellent for cutting. Flowers borne on long, erect stems, in globular heads in colors of nearly white to dark purple maroon. Height, 2 to $2\frac{1}{2}$ feet.

Grandiflora.—Finest Mixed.

$\frac{1}{4}$ oz., 20c.; pkt., 10c.

Caucasica (Blue Bonnet).—A choice hardy perennial. Fine for cutting. Color lavender blue. 3 feet. Pkt., 10c.

Giant Hybrids (Isaac House Strain).—Large double flowers borne on long stems. Splendid for cutting. Colors range from light lavender to dark blue.

Choice Mixed.

Pkt., 15c.

Scarlet Runner Beans (Flowering)

Popular ornamental climbers, with edible pods of delicious flavor, 6 to 8 feet. Lb., 35c.; pkt., 10c.

SWEET PEAS



Orchid Flowered, or Spencer Varieties

The following varieties we can recommend as being the best of their respective colors, each one being distinct. The flowers, which are borne on long stems, are large, wavy and free flowering.

	Pkt.	Oz.	¼ lb.	Lb.
Austin Frederick. —Pale Lavender.....	\$0.10	\$0.35	\$1.00	\$3.50
Blanche Ferry. —Pink and White.....	.10	.35	1.00	3.50
Constance Hinton. —Mammoth White...	.10	.35	1.00	3.50
Crimson King. —Deep Crimson.....	.10	.35	1.00	3.50
Elfreda Pearson. —Large Shell Pink.....	.10	.35	1.00	3.50
Gleneagles. —Lavender Blue.....	.10	.35	1.00	3.50
Picture. —Pink suffused Apricot.....	.10	.35	1.00	3.50
Pinkie. —Deep Rose Pink.....	.10	.35	1.00	3.50
Rosabelle. —Large Light Rose.....	.10	.35	1.00	3.50
Royal Purple. —Rich Purple.....	.10	.35	1.00	3.50
Tangerine. —Fiery Orange.....	.10	.35	1.00	3.50
What Joy. —Cream.....	.10	.35	1.00	3.50
Spencer Mixed. —An extra fine mixture of the choicest named sorts.....	.10	.25	.60	2.00

Grandiflora Varieties

This mixture is made up of the choicest sorts, and while not as large as the Spencer type, bloom more profusely. This mixture is one of the best that can be selected.

	Pkt.	Oz.	¼ lb.	Lb.
Grandiflora Mixed. —From the best named varieties.....	\$0.10	\$0.15	\$0.40	\$1.25

Bacteria for Inoculating Sweet Peas

To obtain the best results the seeds should be inoculated with Nitrogen. This will prolong their blooming period and at the same time produce an abundance of larger blooms on longer stems.

Nitrogen.

Garden size, 25c.

Schizanthus (Butterfly Flower)

Very beautiful and showy, hardy annuals, fine for beds and border in the summer garden; grown in pots in early spring in the greenhouse they become elegant foliage plants, with masses of flowers 1 to 2 feet.

Wisetonensis.—One of the finest large flowered sorts, with graceful fern-like foliage and a profusion of flowers varying from almost white with yellow eye to brilliant rose with bronzy brown centre. A really beautiful subject for the flower border from seed raised in February.

Finest Mixed.

Pkt., 10c.

Smilax (Myrisphyllum)

Perennial climber, with dark, glossy foliage and small white flowers, splendid for greenhouse or conservatory; 6 to 10 feet.

Smilax Asparagoides.—(Boston Smilax).

Pkt., 10c.

Statice (Sea Lavender) (A)

A fine plant for the border or rock garden, produces large heads of showy flowers that can be dried for winter decoration. 18 inches.

Sinuata.

Pkt., 10c.

Stocks (A) (Gilliflower)

Large Flowering Ten Weeks.—A splendid early-blooming variety extensively used for pot culture and for summer bedding. 1 foot.

Mixed Colors.

¼ oz., 50c.; pkt., 10c.

Stokesia (Cornflower Aster) (P)

A splendid hardy perennial for the border, blooming from July to October. The large flowers resemble the Cornflower; a fine cut flower. 2 feet high.

Cyanea Mixed.

Pkt., 10c.

Sweet Rocket (P)

A very interesting, useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds, etc.; is much admired for the fragrance of its flowers.

Mixed Colors.

¼ oz., 15c.; pkt., 10c.

Sweet William (P) (Dianthus Barbatus)

A universally admired perennial flower that when once started will last for years. Sow the seed in the open ground in the spring or fall.

Newport Pink.—Salmon pink in color and very effective. Fine for the border.

Pkt., 10c.

Scarlet Beauty.—Rich deep scarlet. A very striking color.

Pkt., 10c.

Perfection Single Mixed.—Large flowers of many beautiful colors and markings.

Oz., 30c.; pkt., 10c.

Perfection Double Mixed.—A fine mixture of double varieties.

Oz., 60c.; ¼ oz., 20c.; pkt., 10c.

Latifolius Double Mixed.—Everblooming hybrid Sweet William in a mixture of colors, blooms all summer, and is hardy.

¼ oz., 40c.; pkt., 10c.

Thunbergia (Black-eyed Susan)

Free-flowering handsome climber, of rapid growth; the beautiful foliage and showy flowers are both greatly admired. The colors are delicate and beautiful. Splendid for hanging baskets or window boxes.

Finest Mixed.

Pkt., 10c.

Torenia

Bushy globular plants, literally covered with lovely richly colored, snapdragon-like flowers of a delightful sky-blue. They are excellent for beds, pots or hanging baskets

Fournieri Grandiflora.—10 in.

Pkt., 10c.

Tritoma (Red Hot Poker) (P)

Free blooming perennial producing large heads of showy orange scarlet flowers. Fine for the border. 3 feet.

Hybrids, Choice Mixed.

Pkt., 10c.

Veronica (Speedwell) (P)

A fine border or rock garden plant, producing long spikes of bright blue flowers. 18 inches.

Spicata.

Pkt., 10c.

Valeriana (Valerian) (P)

Produces large heads of showy red flowers, suitable for bouquets. Makes a splendid plant for the hardy border. 3 feet.

Rubra.

Pkt., 10c.

Verbena (H. A.)

One of the finest bedding plants and also suitable for borders; with its heads of brilliant colored flowers, producing one mass of bloom throughout the summer. Seeds may be sown in March or April indoors and planted out when weather permits; succeeding well in any good garden soil.

Perfection Mammoth Varities

	Oz.	¼ oz.	Pkt.
Pink	\$1.50	\$0.40	\$0.10
White	1.50	.40	.10
Blue	1.50	.40	.10
Scarlet	1.50	.40	.10
Choice Mixed	1.00	.30	.10

Vinca (Periwinkle or Old Maid)

Splendid tender perennials with luxuriant dark green foliage and round single flowers that bloom freely all summer. Excellent for summer bedding and pot culture. 1 foot.

	¼ oz.	Pkt.
Mixed Colors	\$0.30	\$0.10

Viola Cornuta (Tufted Pansy) (B)

Useful for edging the borders or the rock garden. Flowering the entire summer from seed sown in April. 6 inches.

Choice Mixed.	Pkt., 10c.
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ZINNIA (Youth and Old Age) (A)

Splendid hardy annuals, succeeding well in any soil and making a brilliant show. The same flowers will retain their beauty for weeks, and a profusion will be produced until frost.

Curled and Crested Zinnias

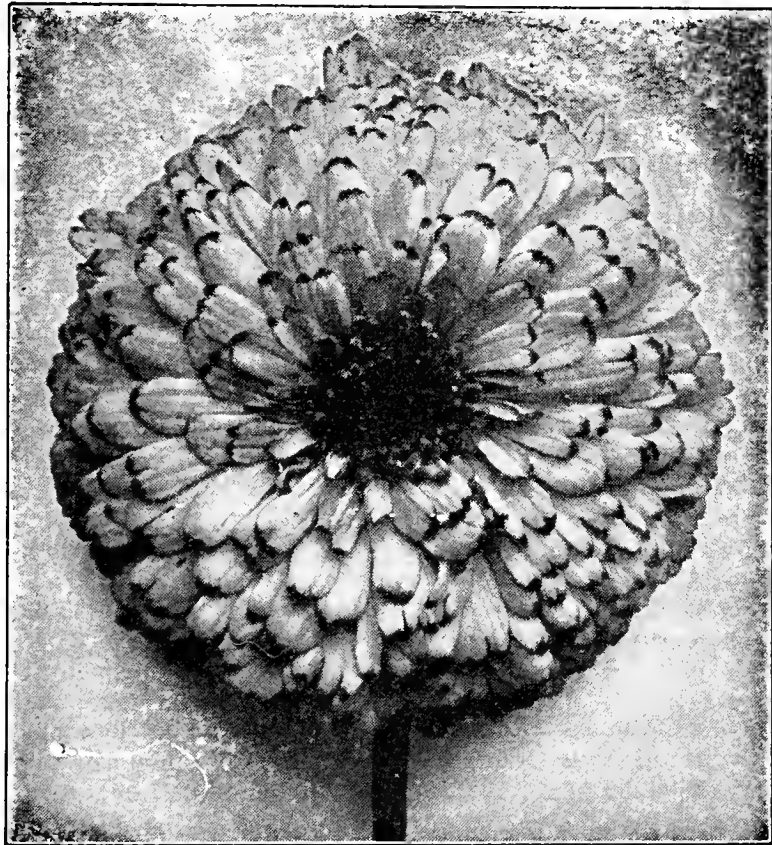
Height 2 feet. A choice strain of this interesting variety. The petals are twisted and curled in such a manner as to give the appearance of a fine-petaled Cactus Dahlia.

All Colors Mixed.	¼ oz., 30c.; pkt., 10c.
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Double Lilliput or Pompon Zinnias

This variety produces a profusion of small double flowers on long stems. The plant is of compact habit, splendid for borders, etc. 1 foot high.

Choice Mixed.	¼ oz., 40c.; pkt., 10c.
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**Double Giant Picotee Zinnias**

This remarkable new and distinct class contains the following colors: White, Yellow, Red, Orange, Flesh, Lemon, Pink and Cerise; all tipped with darker shades, giving the flowers a very attractive and pleasing appearance, resembling Picotee Carnations. This fine novelty has been pronounced by all who have seen it to be the most attractive thing in Zinnias.

Picotee Perfection Mixed.	¼ oz., 50c.; pkt., 15c.
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Wallflower (Goldlack) (P)

Wallflowers should be better known. Their adaptability for pot culture and outdoor bedding and the peculiar sweet fragrance of their flowers should win favor. The Oriental coloring of the flowers in their rich reds and yellows is very effective. They are easily grown and last long as cut flowers. Not hardy in the Northern States; should be wintered in cold frames. 1½ feet.

Double Mixed.	Pkt., 10c.
Single Mixed.	¼ oz., 20c.; pkt., 10c.

Wild Garden Mixture

Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds.

Finest Mixed.	¼ lb., 75c.; oz., 25c.; pkt., 10c.
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Xeranthemum (Immortelle)

One of the best of the everlasting flowers. A choice mixture of colors, including purple, light rose and white, very showy in the garden, and can be dried for winter bouquets. Height 3 feet.

Choice Mixed.	Pkt., 10c.
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Dwarf Double Zinnias

More compact and neater habit than the tall varieties. 15 inches.

Choice Mixed	¼ oz. Pkt.
	\$0.20 \$0.10

Giant Flowering Double Zinnias

A distinct and splendid class of this ever-popular flower, producing extra large, double blooms, 2½ feet.

	¼ oz.	Pkt.
Giant Flesh Color	\$0.40	\$0.10
Giant Scarlet Color .....	.40	.10
Giant Sulphur Yellow .....	.40	.10
Giant Salmon Pink .....	.40	.10
Giant Purple .....	.40	.10
Giant White .....	.40	.10
Collection of a packet each of the above 6 colors...		.50
Giant Perfection Mixed .....	.30	.10

**New Double Dahlia Flowered Zinnias**

This new strain is very vigorous, producing large flowers similar to a Decorative Dahlia, and averaging 6 inches in diameter, on plants growing fully 3 feet high. The colors range from white to dark red and includes shades of cerise, salmon pink, old rose, etc.

All Colors Mixed.	¼ oz., 50c.; pkt., 15c.
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CHOICE SELECTED CANNAS

Cannas do well in almost any kind of soil, but they will repay liberal treatment. For the best results they should be planted in good loam that has been well mixed with an abundant supply of well-rotted stable or other manure. The beds should be spaded 2 feet deep or more, and the soil well pulverized. Water should be applied abundantly at all times, but good drainage is essential.

Cannas are most effective when planted in masses, either alone or in combination with *Salvia* (Scarlet Sage) and bordered with *Coleus* or other dwarf-growing bedding plants. They are also frequently used with some of the tall-growing ornamental grasses, with which striking combinations can often be secured. They do best in sunny situations, and should be set out about 2 feet each way.

The varieties we offer of Tall and Dwarf large flowering French Cannas are in dormant roots only. Six Cannas of a variety at dozen rates; 25 of a variety at 100 rates.

Add 10c. per dozen if wanted by mail. If by express, at purchaser's expense.

Cheerfulness.—A splendid new variety. Color deep orange with golden yellow border; very effective bedder. Green foliage. 3½ feet. **15c. each; \$1.25 per doz.**

City of Portland.—Flowers of the largest size, borne on heavy trusses. The color is a glowing shade of pink. A vigorous green foliage variety. Height, 3½ feet. **15c. each; \$1.50 per doz.**

King Humbert.—This is certainly the king of all bronze-leaved Cannas. It produces giant flowers of a brilliant orange-scarlet and these combined with its beautiful bronze foliage have made this variety the sensation of the past few years. It is a hybrid of the Orchid-flowering and French or Crozy type and has all the merits of both. Either as specimen plants or in beds, this beautiful variety shows its superiority over all other kinds. Height, 5 feet. **15c. each; \$1.25 per doz.**

Rosea Gigantea.—One of the best Cannas grown. Produces large trusses of immense flowers. Color deep rosy carmine. Green foliage. Height, 4 feet. **15c. each; \$1.50 per doz.**

The President.—This Canna is superior to any other red variety in quality and also the quantity of bloom. Color rich glowing scarlet, and the immense flowers are produced on strong erect stalks, well above the large rich green foliage. The best introduction in recent years. Green foliage. Height, 4 feet. **15c. each; \$1.25 per doz.**

Yellow King Humbert.—Golden yellow, producing a large truss of bloom, occasionally streaked red. Green foliage. Height, 4½ feet. **15c. each; \$1.25 per doz.**

BOOKS FOR BETTER GARDENS

If wanted by Parcel Post add 10% to cover cost of Mailing and Insurance.

Gladiolus, by F. F. Rockwell. Recommended as "the best brief guide on gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulblets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages. **\$1.00.**

Garden Guide. A complete handbook for the amateur gardener, contains full information on planning and planting the home grounds and the making and care of the Flower, Fruit and Vegetable Garden. Cloth Cover, **\$1.50.**

The Book of Bulbs, by F. F. Rockwell. Will help you grow bulbs successfully for spring, summer, fall, and winter flowering, inside and outside your home. The information in this book tells, and its pictures show how to grow 70 different bulbous plants including tulips, daffodils, hyacinths, lilies, gladiolus, dahlias, peonies, irises, begonias, cannas, bloodroots, and dozens of others. Recommended as the most complete and newest guide to bulb growing. 187 illustrations, 264 pages. **\$2.00.**

SUMMER FLOWERING BULBS

Amaryllis

An extra fine strain, producing large flowers in shades of red, pink and white, also flaked and striped.

Giant Hybrids, 75c. each. Add 10c. if wanted by mail.

Begonias, Tuberous Rooted

One of the choicest of the summer flowering plants. Useful for porch or window boxes and can be grown in any semi-shaded position, producing large, waxy flowers, blooming all summer.

The bulbs can be started indoors in April or planted in the open in June.

Postage Extra 10c., per doz.

Single.—Crimson, Pink, White, Yellow and Mixed.

Each, **20c.**; doz., **\$2.00.**

Double.—Crimson, Pink, White, Yellow and Mixed.

Each, **25c.**; doz., **\$2.50.**

Caladium (Elephant's Ears)

A very effective plant, and suitable for a single plant on the lawn, masses in beds, or for margins of water, its leaves often attaining the length of 2 feet by 20 inches wide. Large bulbs, **10c. each; \$1.00 per doz.**; extra large bulbs, **25c. each; \$2.50 per doz.**; **by express. Add 5c. per bulb if wanted by mail.**

Cinnamon Vine

A beautiful hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume.

Extra large 2-year-old roots, **10c. each; \$1.00 per doz.**; **\$7.00 per 100. Add 10c. per doz. if wanted by mail.**

Calla Elliottiana

The best yellow Calla, producing flowers of a rich golden yellow often measuring 4 to 5 inches across. The foliage is glossy, rich, dark green, marked and spotted with white dots. A very beautiful, showy pot plant for the house. Large bulbs, each **35c.**; doz., **\$3.50. Add 10c. per doz. if wanted by mail.**

Dielytra or Dicentra

(Bleeding Heart or Seal Flower)

Spectabilis.—A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Its long sprays of graceful heart-shaped flowers are always attractive. Each, **50c. (by parcel post, 60c.)**; doz., **\$5.00 (by parcel post, \$5.50).**

Ismene Calathina (Peruvian Daffodil)

A choice summer flowering bulb, producing large clusters of handsome pearly white flowers. They should be lifted in the fall and stored in a warm dry place for outdoor spring planting. If wanted for indoor culture, they should be lifted early enough to allow them several weeks rest before replanting. Large bulbs, **20c. each; \$2.00 per doz.**

Lily of the Valley

This delightful popular flower is hardy and repays for being well treated. Plant in a shady moist place.

Strong clumps, each **50c.**; **by parcel post, 60c.**; doz., **\$5.00; by express at purchaser's expense.**

Madeira Vine

Rapid-growing vine; easy to grow; light green leaves; bears small, white, feathery fragrant flowers; free from insect pests of all kinds. Each, **10c.**; 6 for **50c.**; doz., **\$1.00**; per 100, **\$7.00. Add 10c. per doz. if wanted by mail. If by express at purchaser's expense.**

Double Pearl Tuberose

One of the most delightfully fragrant and beautiful summer-flowering bulbs. Its waxy-white flowers are the sweetest-scented that grow. The growing plant is fond of light and heat and should not be planted outside before May 1st. Each **5c.**; doz., **50c.**; per 100, **\$3.50. Add 10c. per doz. if wanted by mail. If by express at purchaser's expense.**

JAPANESE LILIES

Hardy lilies may be grown in any good garden soil but do best when planted in soil that has been well mixed with a liberal quantity of sand and leaf mold. When planting, a liberal quantity of sand should be put under each bulb to insure perfect drainage. During the winter months a top dressing of leaves will be found beneficial.

Postage Extra. 5c. on single bulb. One dozen bulbs, packed, weigh 3 pounds.

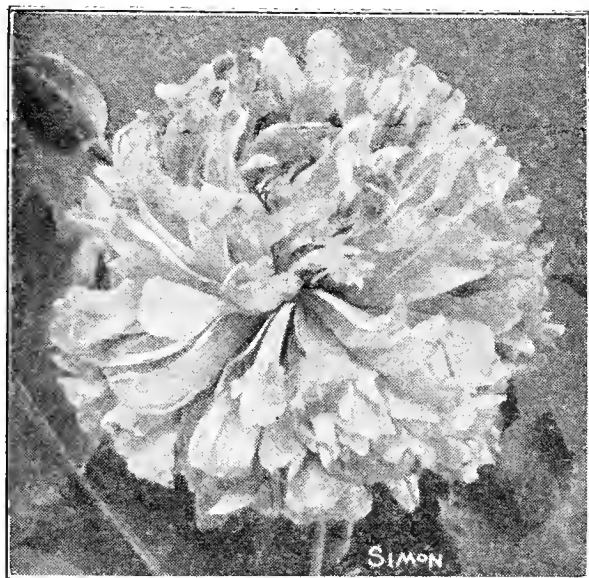
Auratum (Golden Banded Lily of Japan).—Pure white, spotted crimson; each petal is marked with a band of yellow. Large bulbs. Each, 30c.; doz., \$3.00; 100, \$20.00.

Speciosum Album.—The best flowering pure white hardy garden lily, of easy culture. Height, 4 feet; blooms August and September. Large bulbs. Each, 50c.; doz., \$5.00; 100, \$35.00.

Speciosum Rubrum, or Roseum.—Delicate pink, almost white, spotted red; height, 3 feet; blooms August and September. Large bulbs. Each, 35c.; doz., \$3.50; 100, \$25.00.

Regale.—This beautiful lily is hardy and can also be grown inside. Color white suffused with pink, lemon yellow throat. The flowers are very large and fragrant. Extra large bulbs. Each, 35c.; doz., \$3.50.

Tigrinum Splendens.—The well known single tiger lily. Mammoth bulbs. Each, 25c.; doz., \$2.50; 100, \$20.00.



DOUBLE HERBACEOUS PAEONIES

Double Paeonies are too well known to require description. Their popularity is due to the great improvement in them in recent years, their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed and richly colored flowers. The attention given to them, in Europe and in America, has resulted in the production of many notably fine new varieties. Among hardy, herbaceous perennials, the Chinese Paeonies rank about first for lawn or flower border, or shrubbery decoration.

Paeonies require a sunny location and should be planted in good rich soil, care being taken that the crowns are covered with not more than 2 inches of soil. **If wanted by Parcel Post add postage; weight 3 lbs. per dozen.**

Couronne D'Or.—The well known "Crown of Gold." Large full flower. Snow white with golden yellow stamens. Each, 50c.; doz., \$5.00.

Edulls Superba.—Very large bright rose pink with silvery reflex. Fragrant and very early. Each, 50c.; doz., \$5.00.

Festiva Maxima.—Large full, pure white center petals, tipped carmine. Early and fragrant. Each, 50c.; doz., \$5.00.

Louis Van Houtte.—Rich deep crimson, petals tipped with silver. Each, 50c.; doz., \$5.00.

Marguerite Gerard.—A fine midseason variety. Large pale hydrangea pink, center petals flecked dark carmine. Each, 50c.; doz., \$5.00.

Marechal Valliant.—Rose type. Color light red, shaded mauve; the largest red Paeony grown. Each, 50c.; doz., \$5.00.

Double Paeonies In Mixture.

Red, White and Pink. Each, 35c.; 3 for \$1.00; doz., \$3.50.

GLADIOLUS

The Gladioli is one of the most valuable of the summer flowering bulbs both for garden decoration or for cutting. They thrive in any good garden soil and require little attention. Our selection contains some of the very choicest varieties and a full range of colors. **If wanted by mail, add 10c. per dozen.**

The Perfection Collection of Gladiolus

Albania.—Pure snow white, large wide open flowers with beautiful round petals. Each, 7c.; doz., 75c.; 100, \$5.00.

Arizona.—Deep rose pink, with maroon markings on lower petals. Each, 7c.; doz., 75c.; 100, \$5.00.

Captain Boynton.—Beautiful lavender with deeper blotch on lower petals; perfectly placed, large flowers on tall, strong stem; an excellent variety and early forcer. Each, 10c.; doz., \$1.00; 100, \$7.00.

Crimson Glow.—Rich glowing crimson, lighter in throat. Each, 7c.; doz., 75c.; 100, \$5.00.

Dr. F. E. Bennett.—Peach red, overlaid with flame scarlet; throat speckled ruby and creamy white. Each, 10c.; doz., \$1.00; 100, \$7.00.

Evelyn Kirtland.—Large rose pink, shading to shell pink with scarlet blotch. Each, 7c.; doz., 75c.; 100, \$5.00.

Giant Nymph.—Light rose pink, with creamy yellow throat; very large, wide open flowers, well arranged on long stems. Each, 7c.; doz., 75c.; 100, \$5.00.

Golden Measure.—Pure golden yellow. A tall vigorous grower with very large flowers. Each, 10c.; doz., \$1.00; 100, \$7.00.

Gloriana.—Tall spike with large flowers of the finest golden salmon, pure yellow throat. A very beautiful variety. Each, 10c.; doz., \$1.00; 100, \$7.00.

Louise.—Orchid lavender with deeper blotch in throat, a refined color combination; wide open flowers on strong stem. Each, 7c.; doz., 75c.; 100, \$5.00.

Lustre.—Orange vermillion, suffused crimson; large, wide open flowers; many open at a time, making the whole a bouquet itself. Each, 10c.; doz., \$1.00; 100, \$7.00.

Mrs. Dr. Norton.—Large creamy white suffused pink, pale yellow throat. Each, 7c.; doz., 75c.; 100, \$5.00.

Mrs. Frank Pendleton.—Rich salmon pink with dark red blotches. Extra fine variety. Each, 7c.; doz., 75c.; 100, \$5.00.

Mrs. F. C. Peters.—Fine lilac pink with purplish blotch in throat; many large flowers open at a time on long, erect stem; very vigorous grower. Each, 10c.; doz., \$1.00; 100, \$7.00.

Mrs. H. E. Bothin.—A striking variety on tall stems. The heavily ruffled flowers are geranium pink, tinted salmon with flaming scarlet center; a beautiful color combination. Each, 10c.; doz., \$1.00; 100, \$7.00.

Mrs. Leon Douglas.—Begonia rose striped with flame scarlet, lower petal pale lemon, speckled ruby; tremendously large flowers, many open at a time; very tall, strong stem with several side shoots, the whole forming a gigantic bouquet. Each, 12c.; doz., \$1.25; 100, \$8.00.

Mrs. W. H. Phipps.—La France pink, overlaid with salmon rose, lighter towards the center; lower petals striped and speckled with ruby. Enormous flowers on gigantic stems. A fine exhibition variety. Each, 12c.; doz., \$1.25; 100, \$8.00.

Romance.—Orange salmon rose, red and yellow throat, the petals being edged with blue. A fine variety. Each, 10c.; doz., \$1.00; 100, \$7.00.

Scarlet Princeps.—Flaming scarlet; large, massive flowers, many open at a time, making a gorgeous display of dazzling red. Each, 7c.; doz., 75c.; 100, \$5.00.

Twilight.—Creamy buff, edges of petals flaked pink, throat primrose yellow and pink; splendid ruffled variety. Each, 7c.; doz., 75c.; 100, \$5.00.

Choice Mixture.—A fine mixture of high-grade varieties of the large flowering type. Each, 4c.; doz., 35c.; 100, \$2.25.

Perfection Mixture.—This splendid mixture is made up of exhibition varieties and contains a pleasing range of colors. Each, 5c.; doz., 50c.; 100, \$3.50.

Primulinus Hybrids.—This new class of hybrids is becoming more popular each season. The spikes are long and graceful and produce orchid-like flowers in a variety of colors; fine for cutting. Each, 5c.; doz., 50c.; 100, \$3.50.

SIMON'S SELECT DAHLIAS

The Perfection Collection of New and Rare Dahlias

The following list which has been selected from the different types is worthy of every flower lover's attention who wants a selection of high-grade varieties. The collection is comprised of recent introductions of great merit and we feel confident that they will give satisfaction.

Add 5c each if wanted by mail; by express at purchaser's expense.

Abbreviations of variety, as follows: (C) Cactus; (S. C.) Semi-Cactus; (F. D.) Formal Decorative; (I. D.) Informal Decorative; (B) Ball.

Cultural Note.—Dahlias should be grown in a well-drained position. Spade a liberal quantity of well-rotted stable manure, or sheep manure and bone meal into the soil at planting time. Cultivate regularly during the growing season and keep the plants well supplied with water. After the first killing frost the roots should be dug up and stored away in a cool place.

Alice Whittier (S. C.)—Large primrose yellow, hybrid cactus; fine form on long graceful stems. Each, **\$1.00.**

Audrey Davenport (S. C.)—A clear milk white that will eventually find its way into every collection. The flowers are splendidly formed and held facing on stiff, slender, erect stems. Size eight inches. An early and continuous bloomer. A splendid exhibition and commercial variety. Each, **50c.**

Couronne d'Or (I. D.)—This has been called the golden bronze Jersey Beauty. It is even a stronger grower, a larger flower, and produced upright on long stiff stems. The color is a rich bronzy apricot edged gold. Each, **75c.**

Eldorado (F. D.)—Deep golden yellow; large; and fine. Each, **75c.**

Elite Glory (F. D.)—A magnificent giant red, flowers of great substance and regular form. Blooms freely on rigid stems; entirely distinct. Each, **\$1.00.**

Glory of Monmouth (F. D.)—Color a beautiful pastel salmon pink, a most unusual dahlia, with full high center and a profuse bloomer on long stiff stems. Each, **\$1.00.**

Jane Cowl (I. D.)—Probably the most popular variety. A fine exhibition variety and one that has attracted attention. The plant is a vigorous grower, with long stiff stems that hold the large flowers erect. Color, bronzy buff and old gold, blending salmon at the center. Roots, Each, **\$1.00.**

Jersey Beacon Ball (B)—Color, geranium scarlet, with buff reflex. Forms a perfect ball. A strong, vigorous grower and continuous bloomer. A fine exhibition variety. Each, **\$1.00.**

Jersey's Beauty (F. D.)—Very fine true pink, flowers of perfect shape, produced on long, straight, stiff stems. Very free bloomer, and a splendid keeper. Each, **50c.**

Jersey's Beacon (F. D.)—Bright scarlet, with a buff reflex. Very large; splendid form and a free and continuous bloomer. Each, **75c.**

Leo Neissen (F. D.)—A strong, vigorous grower with long stems. Color, brilliant cardinal red. A fine exhibition or garden variety. Each, **75c.**

Margaret Masson (F. D.)—A wonderful exhibition variety, with very large full flowers on rigid stems. Color, a pleasing shade of silvery lavender pink. Each, **75c.**

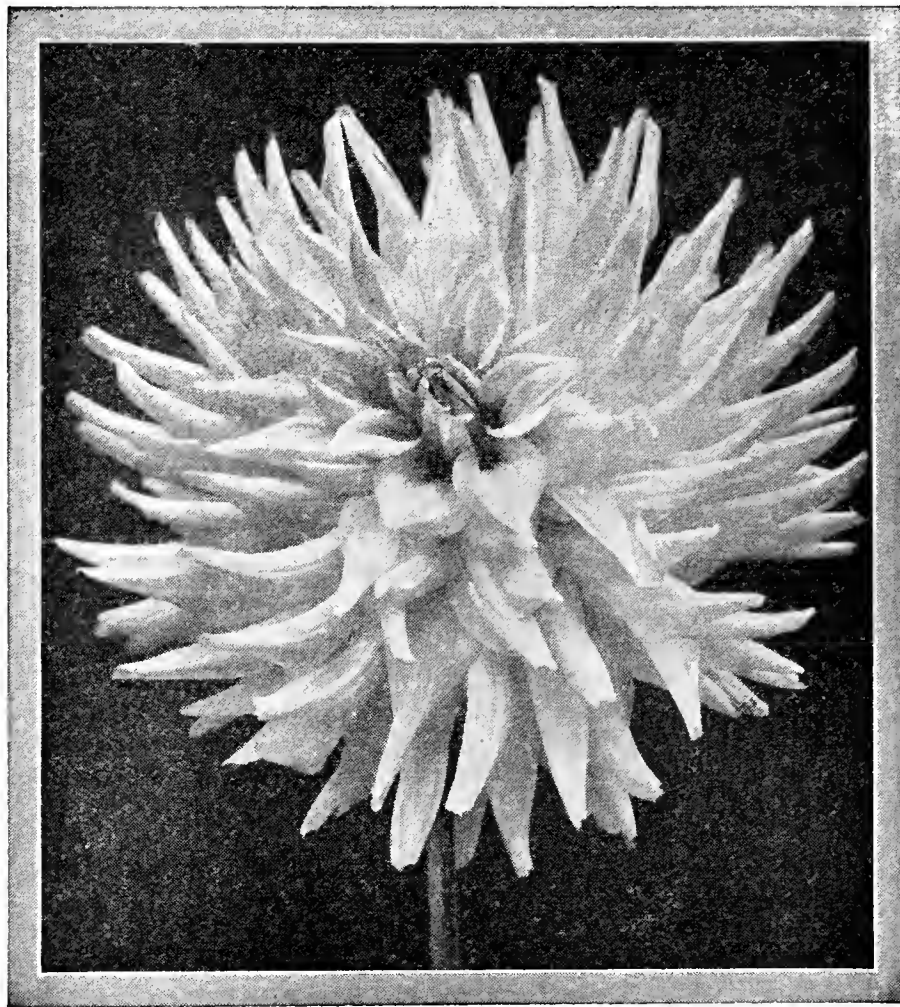
Margaret Woodrow Wilson (I. D.)—Immense size, and fine form on stiff stems. Color, creamy white, suffused pink, reflex darker. Splendid exhibition flower. Each, **75c.**

Peacock (F. D.)—Color, dark purplish red, tipped white. Like all variegated flowers, occasionally a flower will come solid color. The flowers are of regular decorative form and an early and free bloomer, on stiff stems. Does best when grown on soil not too rich; but given thorough cultivation. Each, **\$1.00.**

Robert H. Groff (I. D.)—A fine, new, lilac rose variety, producing giant flowers on long graceful stems. The plant is a strong, vigorous grower and a free bloomer. A popular exhibition variety. Each, **\$1.00.**

Roman Eagle (F. D.)—Brilliant burnished copper. A beautiful flower on long stiff stems. Each, **75c.**

Velvet Ball (B)—It is a seedling of Jersey Beauty, and has the same habit of growth, but a much freer bloomer. The dark, perfectly formed flowers are held erect on long stiff stems. Each, **75c.**



Mrs. Robert H. Groff
(See page 59)

SPECIAL DAHLIA OFFER

Special Offer of Dahlias of Exceptional Merit

We have made arrangements to offer to our customers the following well known exhibition varieties. Each variety is outstanding in form, size and color, and should be included in every collection. We are also offering these in plants at a price that is far below the regular price. The plants are strong grown and well-rooted, and will give as good results as roots.

Plants Ready for delivery May 1st.

Edith Eastburn Simon, the new ruffled Dahlia—This wonderful creation is the first and forerunner of a new race. The size is immense, 10 to 12 inches under ordinary cultivation, while the flower is 5 inches thick. Each petal is beautifully ruffled as well as twisted and whorled, while the color is an exquisite creamy pink at the center, deepening to a beautiful shell pink on the outer petals, blending lighter toward the tips. It is an early and free bloomer and the greatest sensation in Dahlias this season. That everyone may have a chance to grow this exquisite new flower in 1932 we are offering strong plants at the extremely low price of **\$5.00** each, postpaid.

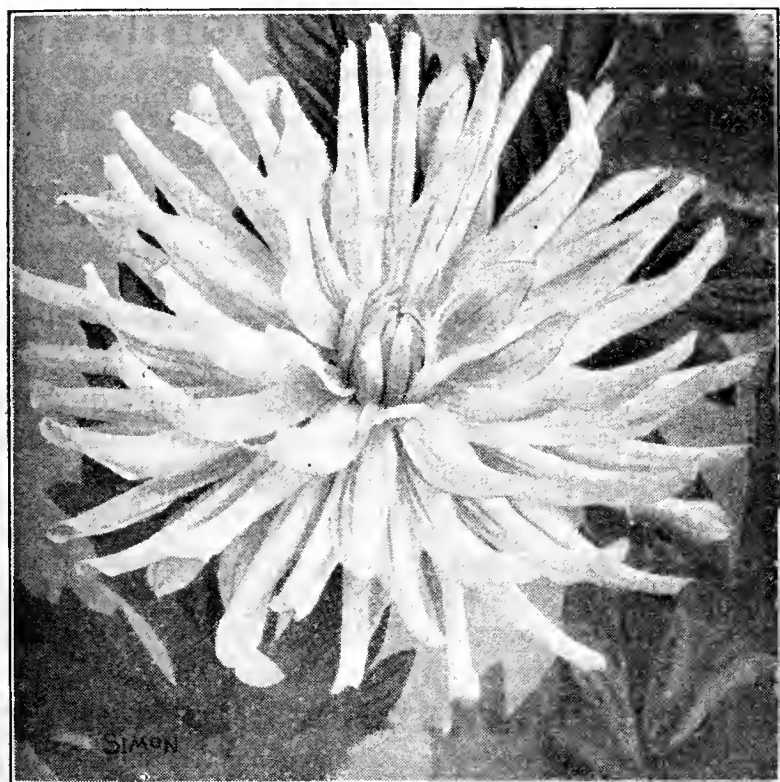
Golden Dawn—A new informal decorative variety. Rich creamy yellow with long stems. Good grower, fine keeper and an outstanding Dahlia. Several times Prize Winner for largest and most perfect bloom. Plants, **\$2.50** each; tubers, **\$5.00** each.

Helen J. Burroughs (Informal Decorative)—A large silvery pink variety of Jersey's Beauty parentage, with the same habit of growth. Very early and free flowering; also beautiful under artificial light. Plants, **\$1.50** each; tubers, **\$3.00** each.

Jane Hunt (Informal Decorative)—Large, handsome variety on long straight stems. Color, golden yellow, tinged with bright pink giving a flaming effect. Strong, vigorous grower. Awarded First Prize in seedling class at the Pennsylvania Horticultural Society's Show. A popular variety. Plants only, **\$2.00** each.

CHOICE SELECTED DAHLIAS—Continued

Add 5c each if wanted by mail; if by express at purchaser's expense.



Superb Cactus Dahlias

Claire Kulp (S. C.)—Color, rich cardinal, shaded garnet, yellow at base of petals. Strong, vigorous grower and free bloomer.

Each, 25c.

Edith Carter (C)—A soft bright yellow, suffused and heavily tipped bright rosy carmine. An unusually lovely variety.

Each, 35c.

Frances Lobdell (S. C.)—One of the most popular varieties. Mallow pink with white center. A profuse bloomer on rigid stems.

Each, 50c.

Geo. Walters (S. C.)—Flowers of large size. Color a rich coppery old gold, tinting to buff at the center. A great popular favorite.

Each, 35c.

Golden West (C)—This is still one of the most pleasing varieties. Rich golden yellow, with a richer suffusion at the center. Splendid for cutting.

Each, 35c.

Laura Entrekin (S. C.)—The color is deep, lively rose pink, reflex pure rose pink. A strong vigorous grower, free bloomer, and is borne on long stiff stems. It is the outstanding deep pink of its class.

Each, 50c.

Lawine (C)—White, lightly suffused pink. A strong, vigorous grower, early and profuse bloomer. One of the best for commercial cut flowers and for the garden.

Each, 25c.

Marjorie Castleton (C)—The best standard pink Cactus Dahlia. The color is soft rosy pink, tinting lighter toward the center. It is a very rapid grower, with good stems and keeps well after cutting.

Each, 25c.

Mrs. Leo Niessen (C)—Without question the very best cactus dahlia of its type and color. Color, a beautiful shade of scarlet red, blending to peach red at center of flower, with bright yellow at base of petal and at tips; a reflex sulphur yellow veined and suffused pale peach red. A splendid bright rich Autumn combination, at once most pleasing and effective.

Each, 35c.

Mrs. Robert H. Groff (C)—One of the best pure white cactus. It is an extremely profuse bloomer. The petals are long, narrow and beautifully curled. The buds are long and pointed; the flowers perfect and full to the center. An ideal variety for garden and cutting.

Each, 50c.

Rube Girl (C)—A remarkable bronzy or "Autumn shade" variety. Color soft yellow, suffused, overlaid and tipped coral red, giving the flower a bronzy effect, that lights up wonderfully under artificial light. An early and extremely free bloomer, with long, slender stiff stems.

Each, 25c.

Sunset Glow (S. C.)—Similar to Red Cross in color, but better in every way. It is a profuse bloomer, holds a full center and has good growing habits. One of the pleasing autumn shades, yellow at base of petals, suffused scarlet and tipped yellow. A good late summer cut flower.

Each, 25c.

Superb Decorative Dahlias

Bonnie Brae (I. D.)—Cream shaded blush pink; very large; free bloomer on long, slender stems.

Each, 35c.

Dr. Tevis (I. D.)—Bronzy old gold, shaded and suffused violet rose. Fine, exhibition flowers borne on erect stems.

Each, 35c.

Helen Rankin (I. D.)—Color cerise pink. An early and profuse bloomer on long, straight, stiff slender stems. The flowers are borne erect.

Each, 25c.

Hortulanus Fiet (I. D.)—One of the loveliest Dahlias that ever came from Holland. The color is a creamy-salmon, shading to soft yellow. The flowers are large, and the formation and stems are both excellent. Free flowering.

Each, 35c.

Le Grand Manitou (F. D.)—Large; lilac penciled crimson, extra fine; dwarf.

Each, 35c.

Mina Burgle (F. D.)—Color rich cardinal red, it is of fine form. The plant is a strong vigorous grower, producing the flower freely on long, stiff stems. We offer a select strain of roots.

Each, 25c.

Minnie McCullough (F. D.)—Very striking variety, color soft golden yellow tipped bronzy red. An autumn tint; perfect flowers on long stems.

Each, 25c.

Queen Mary (F. D.)—Color clear silvery cerise pink. The plant is a strong, healthy, vigorous, upright branching grower, producing the flowers freely on long stiff stems.

Each, 25c.

Senator Baird (F. D.)—A noble flower of immense size, beautiful regular form and borne erect on cane stiff stems. The color is the richest, glowing red. It is the finest of all red decoratives for exhibition or for the garden. The plant is strong, sturdy with luxuriant dark glossy green foliage. The flowers are very full to the center, up until frost.

Each, 35c.

Trentonian (F. D.)—Coppery to reddish bronze.

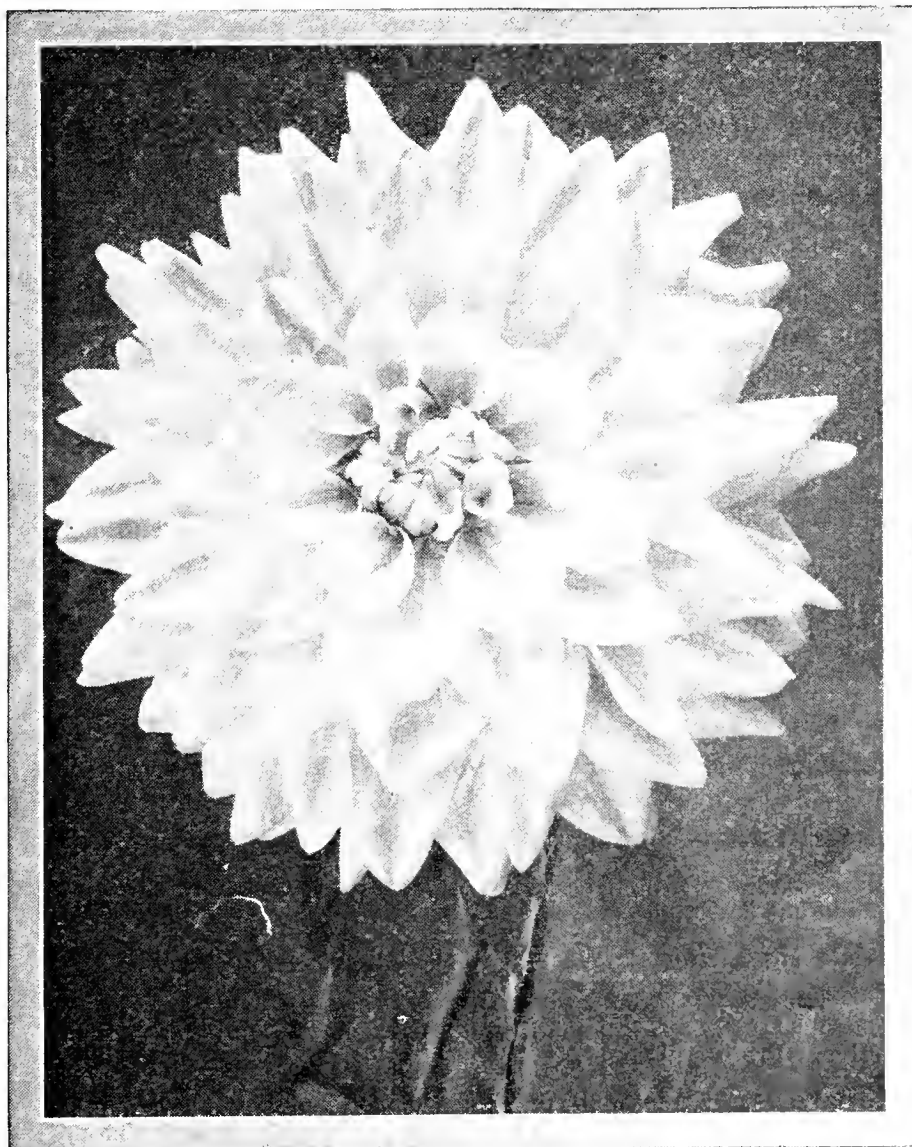
Each, 50c.

Valley Forge (F. D.)—Very large, deep purple; flowers held erect. A splendid exhibition and garden plant.

Each, 50c.

Venus (F. D.)—Color pale lilac; flowers of good form from 6 to 7 inches across, and produced freely on long stiff stems.

Each, 35c.



Decorative Dahlia

CHOICE SELECTED DAHLIAS—Continued

Add 5c each if wanted by mail; if by express at purchaser's expense.



Select Ball Dahlias

- Clara Seaton.**—Large yellow, suffused golden buff; quilled petals. Each, 35c.
- Crimson Globe.**—Size 4 inches by 3 inches. Height 5 feet. Bright crimson. A profuse bloomer. Each, 25c.
- Gold Medal.**—Deep golden yellow, tipped and suffused oriental red; splendid form; very striking and effective. Each, 35c.
- Lucy Fawcett.**—Straw yellow, penciled pink and crimson; splendid form. Each, 25c.
- Maud Adams.**—One of the most delicately lovely of this class, being a clear shell pink. It is beautifully formed and an early and free bloomer, on fine stiff stems. Each, 25c.
- Queen Victoria.** Rich golden yellow. Each, 25c.
- Red Duke.**—Rich dazzling, cardinal red; splendid form with quilled petals. A red Grand Duke Alexis. Each, 25c.
- White Swan.**—Large pure white, splendid for cutting, large flowers on long stems. Each, 25c.

Pompon Dahlias

These miniature Dahlias are being grown more extensively each year and should be included in every collection, as they are invaluable for bouquets, and table decoration.

- Elfin.**—Very small and dainty. Light primrose yellow. Each, 25c.
- Johnny.**—Very profuse bloomer on good stems; bright vermilion red. Each, 35c.
- Little Beauty.**—Soft mauve pink. Each, 35c.
- Little David.**—Bronzy orange; perfect form and profuse bloomer. Splendid cut flower. Each, 35c.
- Little Herman.**—Cardinal red, shaded maroon, tipped white. Each, 25c.
- Little Lloyd.**—Amber shading to orange. Most pleasing and effective. Profuse bloomer. Each, 35c.
- Rose Wilmouth.**—Small, fine formed rose pink. Each, 35c.
- Snowclad.**—The best pure white pompon. Perfect form, early profuse and continuous bloomer. The ideal white pompon for all purposes. Each, 25c.

Paeony Flowered Dahlias

Autumn Glow.—A wonderful garden variety; a strong vigorous grower and an early, profuse bloomer. Color, yellow tipped scarlet; very bright and effective. Each, 25c.

Canada.—One of, if not the largest of all white Paeony Dahlias. The flowers are massive, with heavy petals, and are held erect on long stiff stems. An early, free and continuous bloomer. The plant is strong, vigorous and healthy, exceptionally fine for cutting, exhibition or garden. Each, 35c.

Halloween.—Soft golden salmon; large flowers on long stiff stems. Each, 25c.

Ida Fries.—Very bright and attractive. Brilliant crimson, shaded plum, tipped lighter, making it very effective. The petals are beautifully irregular. Each, 25c.

Pink Perfection.—Luminous silvery pink, of large size and splendid form on long stiff stems. The first flowers come fully double. Each, 35c.

Rosalia Styles.—A fine new variety. Color bright tyrian pink, tipped lighter; reflex pink. Produces very large flowers on long stems. A splendid cut flower or exhibition variety. Each, 35c.

Select Miniature Dahlias

These have already become most popular. They embrace the small Decorative and the intermediate between Pompon and Ball. They are all dwarf, and profuse bloomers.

Cocarde.—A most exquisite shade, a combination of soft salmon pink, shading to salmon rose. Beautiful regular form, and an early, free and continuous bloomer. Each, 35c.

Halley.—Very profuse; bright orange red. Each, 25c.

Larry.—This is going to be universally grown for all purposes. It has rare beauty of form and color; a free bloomer on long straight stiff stems. Color, bright rosy or spectrum red. Each, 25c.

Little Jewel.—Sometimes called decorative pompon, and listed as a pompon, but it is one of the original Rosettes. A beautiful bright, luminous pink tinting lighter toward the tips. Each, 50c.

Superb Century Dahlias

Autumn Century.—A fine bronzy variety, fine form on long stems. Color, buff yellow at base of petals shading through amber to red, with an iridescent sheen. Each, 35c.

Cream Century.—A choice variety of a rich cream color; very effective. Each, 25c.

Red Century.—A free blooming red, of fine form and good substance. Splendid cutting and garden variety. Each, 25c.

Rose Pink Century. Rose-pink; tall strong grower, with long stiff stems. Each, 25c.

Unnamed Dahlias

A mixture of high grade varieties of all types which will give a profusion of bloom the entire season.

	Each	Doz.	100
Mixed, all colors	\$0.20	\$2.00	\$15.00

THE DAHLIA

By L. K. Peacock. A practical treatise which fully describes the habits, cultivation, propagation and history of the dahlia. A book which everyone can read and enjoy, and which no grower, large or small, can do without. **\$1.25.**

Postage extra, 10c.

AN INVITATION

The third National Atlantic City Flower & Garden Pageant will be held at the new Auditorium from Sept. 3rd to 10th, 1932, inclusive. This is considered to be the largest floral event in the country and a cordial invitation is extended to our customers to participate. Additional information may be had by addressing J. W. Johnston, Director, The Bourse, Philadelphia, Pa.

HARDY FRUITS FOR THE HOME GARDEN

Below we have compiled a select list of northern grown Trees and Bushes that are invaluable for home use. We have selected the best of the respective varieties that are sure to give satisfaction. These are offered in the dormant state only and can be supplied from March 15th to May 1st, depending on the weather conditions.

The small Fruits can be mailed at purchaser's expense, but on account of the size, Fruit Trees are sent by express only, customer paying charges.

BLACKBERRIES

Blackberries respond to the same cultivation as the Raspberry and will produce a heavy crop in any good garden soil.

If wanted by Parcel Post, add 25c. per dozen extra.

Early Harvest.—A very productive variety. The berries are large, jet black and of fine flavor.

Eldorado.—A popular variety. Very hardy and prolific; berries are large and sweet.

Price, \$1.00 per doz.; \$7.00 per 100.

STRAWBERRIES

In the following list we have selected the most productive varieties and feel sure that they will give satisfaction. The plants should be set out 1 foot apart in rows and the rows 2 feet apart. Any good garden soil, well cultivated, will produce a large crop of luscious berries.

If wanted by Parcel Post, add 15c. for 25; 25c. per 100.

Strong Layer Plants

Chesapeake.—The best late variety, producing large crimson berries of uniform shape and fine flavor.

Joe.—A very large midseason variety, producing rich red berries of excellent flavor.

Gandy Prize.—A fine late variety, very large and solid, and a fine keeper.

Premier.—A vigorous early fruiting variety, producing a heavy crop of large glossy red berries of excellent flavor. The best early variety.

Senator Dunlap.—A fine medium early variety, producing a heavy crop of bright red fruit of good flavor.

Wm. Belt.—A popular late sort of large size and good quality. The fruit is deep crimson and ripens quite early, continuing to the end of the season.
Price, 25 strong plants, 70c.; \$1.75 per 100.

Mastadon.—The largest everbearing variety, producing a heavy crop of large and luscious berries of excellent flavor, from June until frost.

Price, 25 strong plants, \$1.00; \$2.50 per 100.

GRAPE VINES

The vines we offer are Northern New York State grown, are two years old, and will produce fruit the following season. The varieties listed are the best of their respective classes.

Catawba (Red).—This is considered by the leading grape growers as the best red variety. A fine late sort.

Delaware (Red).—A splendid red variety for table use. Bunch and berries small, but flavor is very sweet.

Moore's Early (Black).—An early black variety producing large bunches of good sized berries, of a sugary flavor.

Concord (Black).—The leading variety for home and market use, producing large bunches of big black berries, of splendid flavor.

Diamond (White).—Bunch large and compact. Berries large and juicy with a sweet and spicy flavor. An excellent table variety.

Niagara (White).—The standard white Grape. A splendid variety in every way, and should be in every collection.

Price, 50c. each; \$5.00 per dozen, Postpaid.
\$30.00 per 100. (Not Prepaid).

RASPBERRIES

Raspberries succeed best in mellow soil. They are easily cultivated. The old growth should be trimmed out and a liberal application of manure given each spring.

If wanted by Parcel Post, add 25c. per dozen extra.

St. Regis, or Red Ranere.—The well-known everbearing variety, producing an abundant supply of fruit from early June to frost.

Cuthbert.—A popular variety. Berries of large size; color deep crimson.

Columbian.—The most prolific variety, extra fine for canning. Color dark red or purple. Fine flavor.

Price, 75c. per doz.; \$5.00 per 100.

APPLES

Strong 2 year old trees By Express only

Dellclous.—Large red fruit of fine flavor, good keeper.

Grimes Golden.—Fine golden yellow variety, matures in early winter.

Jonathan.—Medium sized late winter variety, of excellent flavor.

Mammoth Black Twlg, or Paragon.—Dark red, good winter keeper.

Stayman's Winesap.—One of the best. An extra fine variety for family use.

Yellow Transparent.—Very early large yellow variety. Good flavor.
Price, 60c. each; \$6.50 per doz.

CHERRIES

Strong 2 year old trees By Express only

Black Tartarian (Sweet).—Early dark purple of medium size and good flavor.

Early Richmond (Sour).—Bright red, prolific bearer. A popular sort.

Gov. Wood (Sweet).—Large red and yellow. Sweet and juicy. A fine variety.

Montmorency (Sour).—The best second early. Large bright red.

Price, \$1.00 each; \$11.00 per doz.

PEACHES

Strong 2 year old trees By Express only

Belle of Georgia. (Midseason). Large white with red cheek; flesh firm and sweet. Freestone.

Carmen (Early).—Pale yellow with deep blush. Very hardy and productive.

Elberta (Medium Early).—The popular variety. Fruit large yellow with red cheek; fine flavor. Freestone.

Hiley (Second Early).—Large white with red cheek. Flesh white and juicy.

J. H. Hale (Midseason).—Very large deep crimson. Flesh golden yellow. Good keeper. Freestone.

Rochester (Extra Early).—Extra large and prolific. Fruit orange yellow mottled dark red. Freestone.

Price, 50c. each; \$5.50 per doz.

PEARS

Strong 2 year old trees By Express only

Bartlett.—The most popular of all Pears. Large yellow; very productive.

Kelffer.—An early vigorous variety; large golden yellow. Fine keeper.

Seckel.—The well-known sort. Small but very prolific; fine flavor.

Price, \$1.00 each; \$11.00 per doz.

JAPANESE PLUMS

Strong 2 year old trees By Express only

Abundance.—Fruit large, color bright cherry red. An early and abundant bearer.

Burbank.—Early and vigorous, producing large cherry red fruit.

Price, \$1.00 each; \$11.00 per doz.

HARDY SHRUBS FOR THE HOME GARDEN

Shrubs are an important feature in any garden, when used as a background, or to hide an unsightly corner, for foundation planting, or for planting in a mixed border, they are very effective. Shrubs are supplied in the dormant state only, usually from April 1st to May 1st; after May 1st no orders for same can be accepted.

Shrubs are forwarded by Parcel Post, postpaid.

ALTHEA (ROSE OF SHARON)

These well known shrubs can be used with effect on even the smallest lawn. Of compact, erect habit, blooming from July to September.

	Each	Doz.
Red.....	\$0.60	\$6.00
White.....	.60	6.00

BUDDLEIA VARIABILIS (BUTTERFLY BUSH)

The most popular of the garden and border shrubs. The bush grows about 6 feet high and produces an abundance of lilac colored flowers from June till frost.....

.60 6.00

CALYCANTHUS FLORIDUS (Strawberry or Sweet Shrub)

A very interesting shrub producing chocolate colored flowers which have an odor similar to a strawberry.....

.60 6.00

DEUTZIA

Profuse blooming shrubs, useful for massing or planting in borders, very attractive.

Crenata —Double white, tinged pink.....	.60	6.00
Pride of Rochester —Double white.....	.60	6.00

FORSYTHIA SUSPENS (WEeping GOLDEN BELL)

This well known shrub produces golden yellow flowers in very early spring, after which the leaves appear.....

.60 6.00

HYDRANGEA

The Hydrangeas are among the most popular shrubs. They are easily transplanted; have no insect enemies and are hardy.

Aborescens, Hills of Snow —Blooms from June to July. Large white.....	.60	6.00
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Paniculata Grandiflora —The well known fall blooming variety. Fine bush shaped plants.....	.60	6.00
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KERRIA JAPONICA (GLOBE FLOWER)

Long slender branches with fine cut leaves, producing a mass of double orange flowers throughout the summer.

.75 7.50

KOLKWTZIA AMABILIS (BEAUTY BUSH)

A handsome new Chinese shrub, with long slender arching branches, laden with masses of pink flowers in June, which give the plant a fountain-like appearance. One of the choicest varieties.....

.75 7.50

LILACS

No border is complete without the Lilac, as they can be grown either in the border or as specimens on the lawn: blooming profusely in June.

Purple —The old favorite.....	.60	6.00
White —Flowers white and fragrant.....	.60	6.00

LONICERA (BUSH HONEYSUCKLE)

Tartarica—This old-fashioned variety produces fragrant pink flowers in May, followed by waxy red berries in late summer.....

.60 6.00

PHILADELPHUS (MOCK ORANGE)

Coronarius—The most popular variety. Can be grown in sun or partial shade; vigorous grower producing clusters of creamy white fragrant flowers.....

.60 6.00

PRUNUS JAPONICA (DOUBLE FLOWERING ALMOND)

A dwarf shrub producing double flowers in May, before the leaves appear.

Pink.....	.75	7.50
White.....	.75	7.50

PYRUS JAPONICA (JAPAN QUINCE)

The popular Fire Bush, of medium height, bearing profusely in early spring, flowers of rich dazzling scarlet.....

.75 7.50

SYMPHORICARPOS (Snowberry and Coralberry)

Racemosus—An old favorite, blooming in July and August. The small pink flowers are followed by large white berries in the fall.....

.60 6.00

Vulgaris—Of low growing habit, producing numerous pink flowers in August, followed by dull red berries which remain nearly all winter.....

.60 6.00

SPIRAEA

The Spiraea is one of the choicest of the hardy shrubs, producing masses of blooms and are very effective either as specimen plants or for mass effect.

Anthony Waterer—Color bright crimson; in bloom from June to frost.....

.60 6.00

Van Houtte—The best white; the entire bush being covered with bloom.....

.60 6.00

VIBURNUM (JAPAN SNOWBALL)

Plicatum—A desirable variety bearing an abundance of ball shaped white flowers.....

.60 6.00

VITEX MACROPHYLLA

An attractive shrub, with long graceful spikes of lavender blue flowers, in bloom from July to frost....

.60 6.00

WEIGELIA

Rosea—A showy shrub producing medium-sized tube-shaped flowers. Rose pink in color.....

.60 6.00

HEDGE PLANTS

BERBERIS THUNBERGI

Japanese Barberry—The great favorite for hedges, foundation planting and for planting with Evergreens. The stock we are offering is exceptionally fine and the plants are well branched.

By Express, customer paying charges.

	Doz.	100
Large Plants , 9 to 12 inches high.....	\$1.50	\$10.00
Selected Plants , 12 to 18 inches high.....	2.00	15.00
Extra Selected Plants , 18 to 24 inches high.....	3.00	22.50

CALIFORNIA PRIVET

Our stock of this variety is extra fine, the plants having been kept cut back and are stocky and well branched.

By Express, customer paying charges.

	Doz.	100
Large, 2 year old plants , 18 inches high.....	\$0.75	\$5.00
Extra Large, 2 year old plants , 24 inches high.....	1.00	6.00

HARDY EVERBLOOMING ROSES

The roses we are offering have been carefully selected both for color and hardiness. All the varieties are strong growers and free flowering. We offer strong two-year old dormant Field Grown Plants. These can be supplied until May 1st.

Betty Uprichard—A fine new variety. Copper red.
Charles K. Douglas—A fine bedder. Flaming scarlet.
Etoile de France—Large, dark crimson.
Kaiserin Augusta Victoria—The popular white variety.
Lady Alice Stanley—A fine variety. Silvery pink.
Mme. Butterfly—Bright light pink, shaded gold.
Mme. Caroline Testout—Large, fine satiny pink.
Mrs. Aaron Ward—Indian yellow, shading to fawn.
Radiance—Large, rose pink variety.
Red Radiance—Bright rosy red. Free blooming.
Souv. de Claudius Pernet—The popular yellow variety.
Willowmere—Large, brilliant shrimp pink.

60c. each; \$6.60 per dozen, postpaid.

CLIMBING ROSES

Climbing American Beauty—Deep rose pink.
Dr. Van Fleet—Fine, pale pink variety.
Mary Wallace—A splendid brilliant pink sort.
Paul's Scarlet—Large, glittering red. Very popular.
 50c. each; \$5.50 per dozen, postpaid.

SIMON'S HARDY PERENNIAL PLANTS

The following list of Perennials has been compiled to meet the requirements of our customers desirous of obtaining high-class plants suitable for the hardy border or the rock garden. Our plants, in most cases, are pot grown and will give quicker and better results than field grown clumps. **Plants are shipped by express, purchaser paying charges. If wanted by parcel post, add 5c per single plant or 25c per dozen, to the order.**

THESE PLANTS CAN BE SUPPLIED FROM APRIL 15th to JUNE 1st.

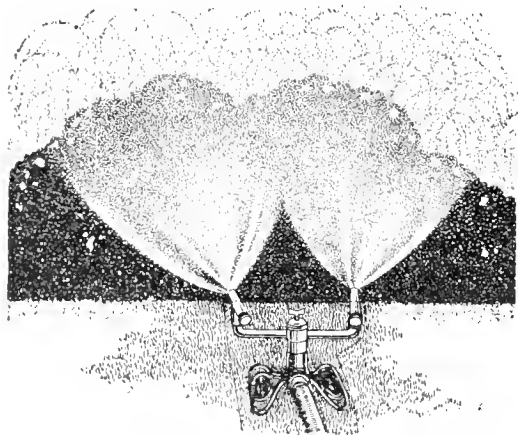
- Achillea** (Milfoil). 2 feet.
The Pearl.—Double white.
Each, **25c.**; doz., **\$2.50.**
- Aconitum** (Monkshood). 5 feet.
Wilsoni.—Large dark blue.
Each, **35c.**; doz., **\$3.50.**
- Agrostemma** (Mullein Pink). 2 to 3 feet.
Coronaria.—Rosy crimson.
Coronaria Alba.—White.
Each, **25c.**; doz., **\$2.50.**
- Anchusa Italica** (Alkanet). 3 feet.
Dropmore Variety.—Gentian blue.
Each, **25c.**; doz., **\$2.50.**
- Artemesia** (Ghost Plant). 3 feet.
Silver King.—For winter bouquets.
Each, **25c.**; doz., **\$2.50.**
- Asters, Hardy.** 3 to 5 feet.
Choice selection of varieties.
Each, **25c.**; doz., **\$2.50.**
- Campanula** (Bell-flowers).
Medium, Canterbury Bells. 2 feet.
Mixed colors.
Each, **25c.**; doz., **\$2.50.**
- Pyramidalis**, Chimney Bells. 4 feet. Blue.
Each, **25c.**; doz., **\$2.50.**
- Centaureas** (Corn Flower). 2 feet.
Montana.—Violet Blue.
Montana Alba.—Pure white.
Each, **25c.**; doz., **\$2.50.**
- Chrysanthemum.**
Choice assortment of varieties and colors.
Each, **25c.**; doz., **\$2.50.**
- Shasta Daisy.**—Alaska, White.
Each, **25c.**; doz., **\$2.50.**
- Coreopsis.** 2 feet.
Lanceolata Grandiflora.—Yellow.
Each, **25c.**; doz., **\$2.50.**
- Delphinium** (Hardy Larkspur). 4 feet.
Gold Medal Hybrids.—Mixed.
Each, **25c.**; doz., **\$2.50.**
- Digitalis** (Foxglove). 4 feet.
Giant Shirley.—Mixed colors.
Each, **25c.**; doz., **\$2.50.**
- Eupatorium** (Mist-flower). 18 inches.
Coelestinum.—Ageratum blue.
Each, **25c.**; doz., **\$2.50.**
- Feverfew** (Matricaria). 18 inches.
Little Gem.—Double white.
Each, **25c.**; doz., **\$2.50.**
- Gaillardia** (Blanket flower). 2 feet.
Grandiflora.—Red and yellow.
Each, **25c.**; doz., **\$2.50.**
- Gypsophila** (Baby's Breath).
Paniculata.—White. 3 feet.
Each, **25c.**; doz., **\$2.50.**
- Helenium** (Sneeze Wort). 3 to 4 feet.
Autumnale Rubrum.—Red.
Riverton Gem.—Yellow.
Riverton Beauty.—Wallflower brown.
Each, **30c.**; doz., **\$3.00.**
- Hibiscus** (Marshmallow). 4 to 6 feet.
Pink, Red and White.
Each, **35c.**; doz., **\$3.50.**
- Hollyhocks.** 6 to 8 feet.
Double.—Separate or mixed colors.
Each, **30c.**; doz., **\$3.00.**
- Liatris** (Blazing Star). 5 feet.
Pycnostachys.—Rosy purple.
Each, **25c.**; doz., **\$2.50.**
- Lupinus** (Lupine). 3 feet.
Blue, white or rose.
Each, **35c.**; doz., **\$3.50.**
- Lychnis** (Jerusalem Cross). 2 feet.
Chalcedonica.—Orange scarlet.
Each, **25c.**; doz., **\$2.50.**
- Monarda, Bergamot.** 2 feet.
Didyma.—Crimson scarlet.
Each, **25c.**; doz., **\$2.50.**
- Pentstemon** (Beard Tongue). 2 feet.
Barbatus Torreyi.—Scarlet.
Each, **30c.**; doz., **\$3.00.**
- Hardy Garden Pinks.** 1 foot.
Assorted varieties.
Each, **25c.**; doz., **\$2.50.**
- Platycodon** (Balloon Flower). 2 feet.
Blue or white.
Each, **25c.**; doz., **\$2.50.**
- Poppies.**
Oriental Hybrids.—Mixed colors.
Each, **25c.**; doz., **\$2.50.**
- Hardy Phlox** (Decussata). 3 feet.
We offer a fine assortment of named varieties.
Each, **25c.**; doz., **\$2.50.**
- Physallis** (Chinese Lantern Plant). 2 feet.
Francheti.—Bright orange scarlet.
Each, **25c.**; doz., **\$2.50.**
- Physostegia** (False Dragon Head). 3 feet.
Virginica.—Bright Pink.
Virginica Alba.—White.
Each, **25c.**; doz., **\$2.50.**
- Pyrethrum** (Hybridum). 2 feet.
Single mixed colors.
Each, **25c.**; doz., **\$2.50.**
- Salvia** (Blue Sage). 3 feet.
Azurea.—Sky blue.
Each, **30c.**; doz., **\$3.00.**
- Scabiosa** (Blue Bonnet). 18 inches.
Caucasica.—Lavender.
Each, **30c.**; doz., **\$3.00.**
- Stokesia** (Corn Flower Aster). 18 inches.
Cyanea.—Lavender blue.
Cyanea Alba.—White.
Each, **25c.**; doz., **\$2.50.**
- Tritoma** (Red Hot Poker). 3 feet.
Pfizeri.—Orange scarlet.
Each, **30c.**; doz., **\$3.00.**
- Valeriana** (Garden Heliotrope). 4 feet.
Officinalis.—Rosy white.
Each, **25c.**; doz., **\$2.50.**
- Veronica** (Speedwell). 1½ feet.
Spicata.—Bright blue.
Each, **25c.**; doz., **\$2.50.**

SIMON'S CHOICE ROCK GARDEN PLANTS

The following list of rock garden plants contains the more popular varieties and those of the easiest culture. All are strong pot grown plants and are sure to give satisfaction.

- Alyssum** (Basket of Gold). 1 foot.
Saxatile Compactum.—Golden yellow.
Each, **25c.**; doz., **\$2.50.**
- Aquilegia** (Columbine). 2 feet.
Long-Spurred Hybrids.—Mixed.
Each, **25c.**; doz., **\$2.50.**
- Arabis** (Rock Cress). 6 inches.
Alpina.—Pure white.
Each, **25c.**; doz., **\$2.50.**
- Armeria** (Sea Pink). 9 inches.
Rubra.—Crimson red.
Each, **30c.**; doz., **\$3.00.**
- Aubretia** (Rainbow Rock Cress). 6 inches.
Choice mixed colors.
Each, **25c.**; doz., **\$2.50.**
- Carnation, Hardy Border.** 12 inches.
Choice Mixed.
Each, **25c.**; doz., **\$2.50.**
- Cerastium** (Snow in Summer). 8 inches.
Tomentosum.—White.
Each, **25c.**; doz., **\$2.50.**
- Dianthus** (Hardy Pinks). 6 inches.
Cassius.—Rosy pink, scented.
Deltoides.—Pink.
Deltoides Alba.—White.
Each, **25c.**; doz., **\$2.50.**
- Funkia** (Plantain Lily). 2 feet.
Variegata.—Purple flowers.
Each, **25c.**; doz., **\$2.50.**
- Geum** (Avens). 15 inches.
Lady Stratheden.—Yellow.
Mrs. Bradshaw.—Scarlet.
Each, **30c.**; doz., **\$3.00.**
- Gypsophila** (Baby's Breath). 4 inches.
Repans.—White.
Each, **25c.**; doz., **\$2.50.**
- Helianthemum** (Rock Rose). 4 inches.
6 Varieties.—Various colors.
Each, **35c.**; doz., **\$3.50.**
- Heuchera** (Coral Bells). 15 inches.
Sanguinea.—Coral red.
Each, **35c.**; doz., **\$3.50.**
- Iberis** (Hardy Candytuft). 8 inches.
Sempervirens.—White.
Each, **25c.**; doz., **\$2.50.**
- Linum** (Flax). 1½ feet.
Perenne.—Azure blue.
Each, **25c.**; doz., **\$2.50.**
- Myosotis** (Forget-Me-Not). 6 inches.
Palustris Sempervirens.—Everblooming.
Each, **20c.**; doz., **\$2.00.**
- Oenothera** (Evening Primrose). 12 inches.
Missouriensis.—Yellow.
Each, **30c.**; doz., **\$3.00.**
- Pachysandra** (Spurge).
Terminalis.—Used as a ground cover.
Each, **25c.**; doz., **\$2.50.**
- Phlox.**
Subulata (Mountain Pink). 8 inches.
Pink, white and lilac.
Each, **25c.**; doz., **\$2.50.**
- Divaricata** (Canadian Phlox). 10 inches.
Lavender blue.
Each, **25c.**; doz., **\$2.50.**
- Poppies.**
Nudicaule (Iceland).—Mixed colors.
Each, **30c.**; doz., **\$3.00.**
- Saponaria** (Soap Wort). 8 inches.
Oeumoides.—Bright rose.
Each, **25c.**; doz., **\$2.50.**
- Sedum** (Stonecrop). 4 to 6 inches.
We offer a choice selection.
Each, **25c.**; doz., **\$2.50.**
- Silene** (Catchfly). 4 inches.
Maritima.—Pinkish white.
Schafta.—Pink.
Each, **25c.**; doz., **\$2.50.**
- Tunica.** 6 inches.
Saxifraga.—Pink.
Each, **25c.**; doz., **\$2.50.**
- Veronica** (Speedwell). 4 inches.
Repans.—Light blue.
Rupestris.—Bright blue.
Rupestris Rosea.—Rose.
Each, **25c.**; doz., **\$2.50.**
- Vinca** (Periwinkle).
Minor.—Dwarf trailing plant.
Each, **15c.**; doz., **\$1.50.**

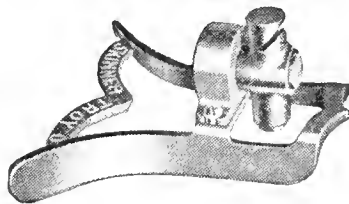
The Rain King Sprinkler



Waters the largest lawns or the smallest corners, strips and oddshaped places. Sprinkles in two directions at once, or concentrates wherever water is wanted. Any spray. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Sets for either stationary or whirling spray.

Weight, 3 lbs. Price each, \$3.50

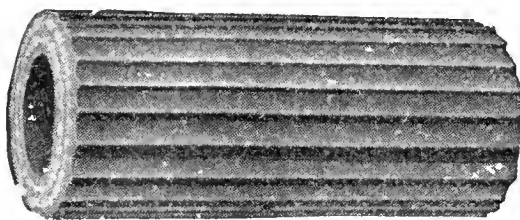
Tu Way Lawn Sprinkler



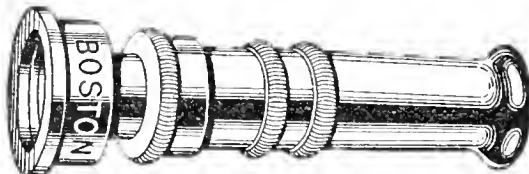
Something new in Lawn Sprinklers; two in one. Will water a 35-foot circle and by turning the head halfway can be instantly changed to water a half circle. No screws to adjust. All metal.

Each, \$1.25, by Parcel Post, \$1.35

Rubber Hose



Finest Quality
Electric. You cannot kink it. 1/2 inch.. \$0.22
Electric, 3/4 inch..... .24
Seamless or Molded, 3/4 inch..... .17
Seamless or Molded, 1/2 inch..... .14
25 ft. lengths and upward, coupled free.
In smaller sections, couplings, per pair. .30



Boston Hose Nozzle, gives three different sprays.
P. P. Wt. 1/2 lb..... \$0.75

Rain King Hose Nozzle

Wear-proof, leak-proof and guaranteed; adjustable from a long, solid stream to the finest mist spray.
Each, \$1.50, by Parcel Post, \$1.65

Hose Bands, Couplings, Etc.

Hose Menders, each..... \$0.10
Brass Couplings, per pair..... .25
Hose Bands—Caldwell—doz..... .30
Gem Graduating Nozzles..... .75
Hydrant Attachments..... .60
Hose Clamp, each..... .05
Perfect Hose Menders, each..... .12

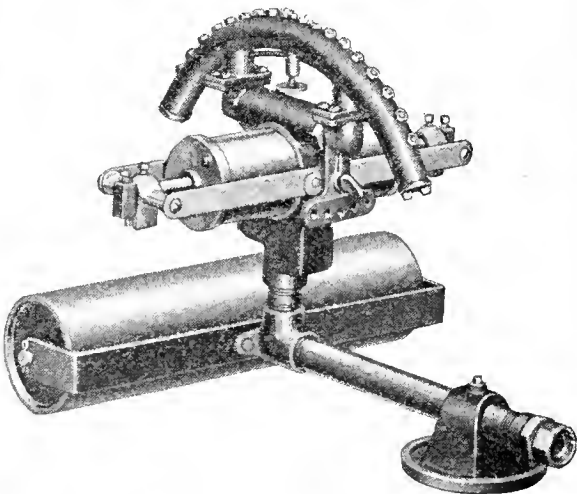
Adjustable~
RAIN DROP
SPRINKLER



Can be adjusted to any angle and used for watering the lawn or flower beds without wetting the walks; also used as a fountain sprayer and will water an area of 20 to 30 feet, according to the pressure.

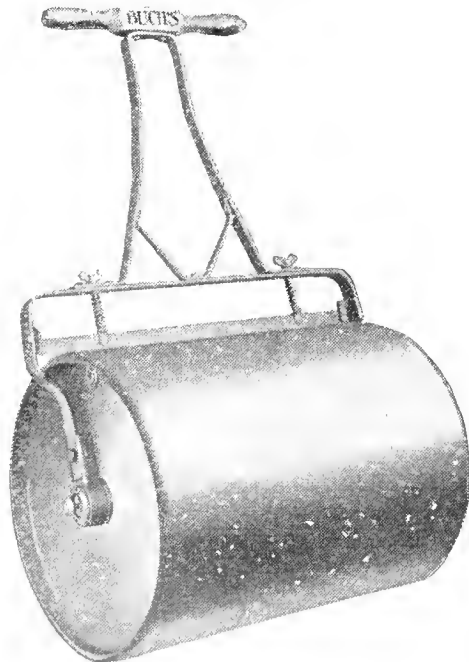
Each, \$1.50, by Parcel Post, \$1.65

Rain Wave Sprinkler



A miniature irrigation system in compact portable form. Rocks back and forth and distributes the water over a space 50 to 60 feet long by 50 to 60 feet wide. Can be set for half or quarter swing, or stopped at any point.

Price, \$35.00



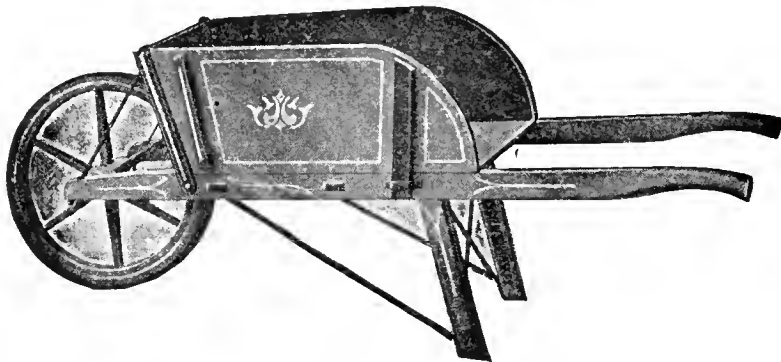
Water Ballast Lawn
Roller

The most modern and the only ball-bearing roller on the market today.

Its round edge drums prevent cutting of sod. Easy to fill and easy to run.

No.	Diam. In.	Lgth. In.	Sec.	Empty	Weight		Price
					Filled With Water	Filled With Sand	
601	14	24	1	70	175	400	\$17.00
602	18	24	1	85	265	475	20.00
603	24	24	1	110	420	630	23.00
604	24	32	1	130	565	850	26.00

Farm and Garden Wheelbarrows



A superior barrow, handsomely painted and striped; iron leg braces, bolted, not screwed on; run under the legs, forming a shoe to slide on, avoiding racking the barrow; iron bands shrunk on hubs. No pine used in these barrows.

No.	Size	Length of Box	Width of Box		Depth of Box	Diam- eter of Wheel	Tread	Price
			Wheel End	Handle End				
1	Farm	30	24	25	12	22	3	\$10.00
2	Small Farm	28	20	24	12	20	2 3/4	8.25
3	Garden	26 1/2	18 1/2	23	12	20	2 1/4	7.50
4	Boys	22	15	18	9	15	1	5.50
Ataboy Steel Tray		26	22	22	8 1/2	12 1/2	1 1/2	6.50

PLANET JR. TOOLS

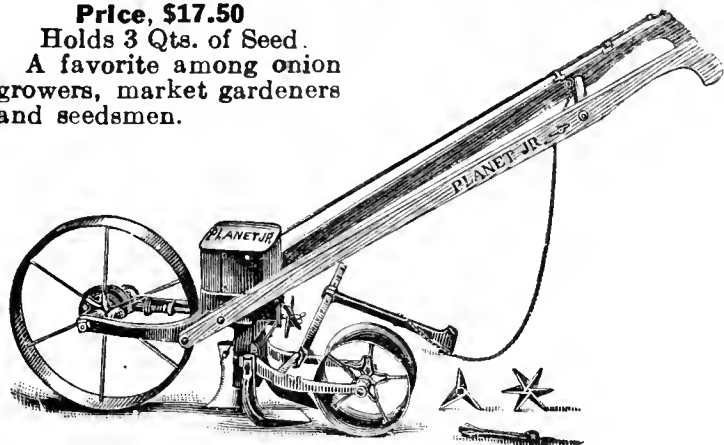
Planet Jr. tools save time, lighten labor, and get bigger, better with over 40 years experience. Last a lifetime. Fully guaranteed.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$17.50

Holds 3 Qts. of Seed.

A favorite among onion growers, market gardeners and seedsmen.



Sows accurately in large or small quantities in drills in a narrow line, making wheel-hoe cultivation easy, or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.

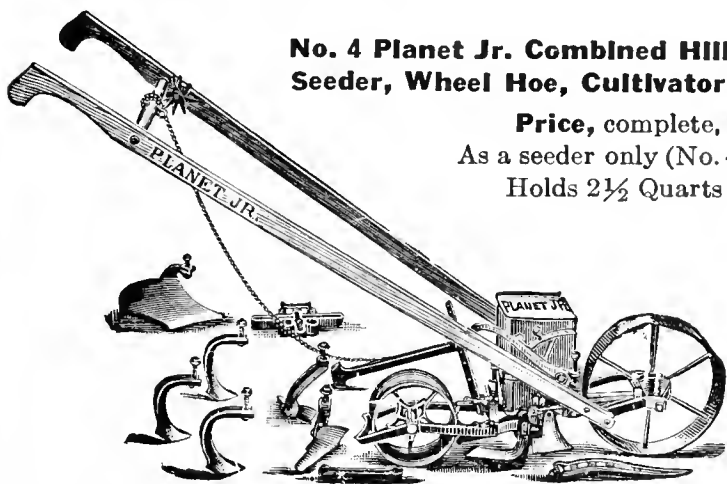
The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete, \$18.00

As a seeder only (No. 4D), \$14.25

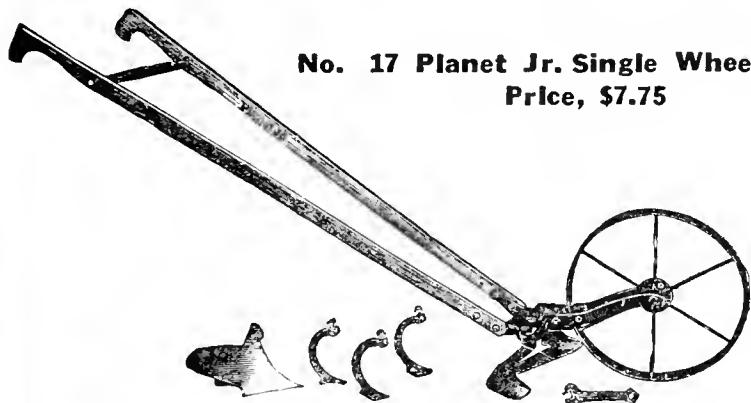
Holds 2½ Quarts of Seed.



The No. 4 Seeder sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12 or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth and thickness, covers them, packs soil, and marks the next row. You get straight rows, the right number of plants; this makes cultivation easier.

No. 17 Planet Jr. Single Wheel Hoe.

Price, \$7.75

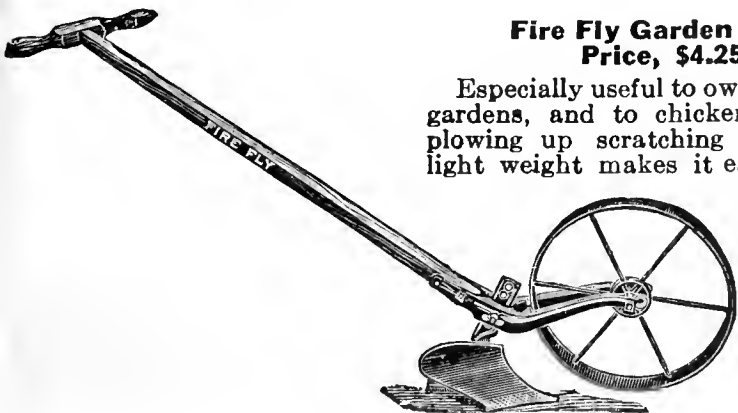


The No. 17 with its valuable assortment of attachments is a very complete tool for any kind of garden work—plowing, cultivating, harrowing, hoeing, opening and closing furrows, hilling up plants—always useful throughout the season.

Fire Fly Garden Plow

Price, \$4.25

Especially useful to owners of small gardens, and to chicken-raisers for plowing up scratching yards. Its light weight makes it easy for man, woman or boy to use. Enables the owner of a family garden to do all the work in spare minutes.



72 page Planet Jr. catalog free. Describes 70 tools, includes Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. Write postal for it.

crops at less cost. Designed by a practical farmer and manufacturer

No. 12 Planet Jr. Double Wheel Hoe, Cultivator and Plow

Price, \$10.75

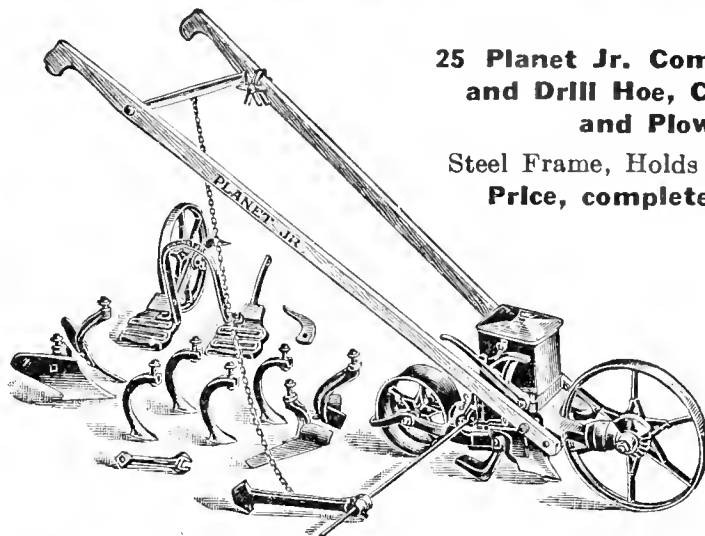
A single and double wheel hoe in one. Straddles the row until the plants are 20 inches high, cultivating both sides at once. Cuts in half time required for cultivating and gives you time have a larger garden.



25 Planet Jr. Combined Hill and Drill Hoe, Cultivator and Plow

Steel Frame, Holds 2½ quarts.

Price, complete, \$21.50



As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.

No. 300 Planet Jr. Drill Seeder

Price, complete, \$20.00



A plate or disc Seeder for all seeds from the smallest up to and including peas, beans and corn. Growers of peas and beans will appreciate this Seeder as it does not break the seed and sows with great regularity. Only three plates each with thirteen holes, making ample adjustment for various seed. Hopper holds four quarts and is removable, which makes easy filling and emptying.

Star Pulverizer, Weeder and Cultivator

Price, \$3.25



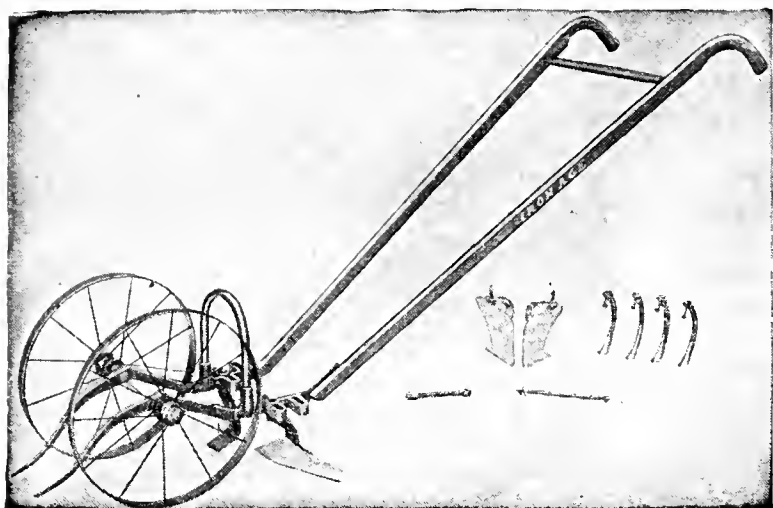
Just right for pulverizing and cultivating in the flower garden and the vegetable garden.

The Disks break up the soil and the oscillating blade follows after and pulverizes, breaking up lumps, cutting off weeds and leveling.

Effective as a cultivator immediately after rain because it does not leave the soil in a lumpy condition. Only 7½ inches wide and can be used where plants are close together.

FARM AND GARDEN IMPLEMENTS

No. 301 "Iron Age" Double and Single Wheel Hoe



Opens and closes furrows, takes care of first workings without danger to young plants, goes astride or between the rows, cultivates, weeds, levels, etc. Does a day's work in 60 minutes. Saves old-fashioned back-breaking work—you walk upright with this tool and weeds never get the best of you. Takes many attachments for special work.

No. 301. Complete, \$10.25

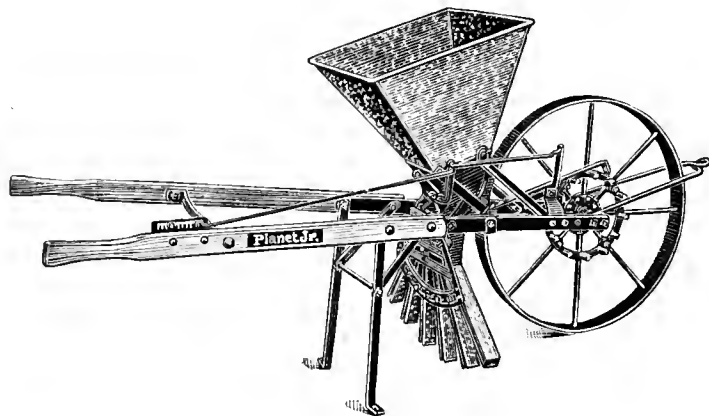


Planet Jr.
No. 119 Garden Plow and
Cultivator
Price, \$4.75

A new tool for those who prefer the extra high wheel on their garden cultivator.

The wheel is 24 inches high, and has a 1½-inch rim; has a complete set of cultivating tools—plow, narrow and wide cultivator teeth, three-prong tooth and scuffle hoe for weed cutting. Handles have plow-handle grips. A well-made, substantial tool at an attractive price.

Planet Jr. Fertilizer Distributor No. 220

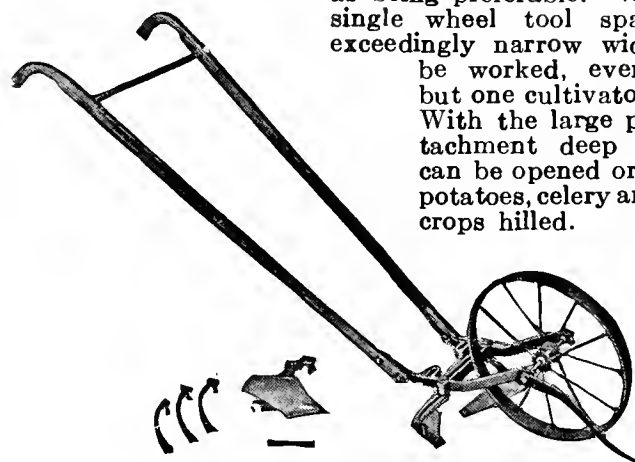


The No. 220 will distribute fertilizer in the middles of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart (one complete row; and corn in wider rows). You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side.

The No. 220 will distribute 100 to 2000 pounds of commercial fertilizer to the acre.

Price, \$27.00

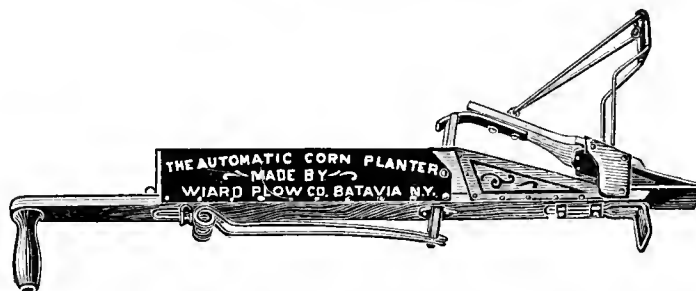
No. 320 "Iron Age" Single Wheel Cultivator, Plow and Hoe



For the small kitchen garden we consider the single hoe as being preferable. With the single wheel tool spaces of exceedingly narrow width can be worked, even using but one cultivator tooth. With the large plow attachment deep furrows can be opened or closed; potatoes, celery and other crops hilled.

No. 320. Complete, \$7.75

Automatic Corn Planter

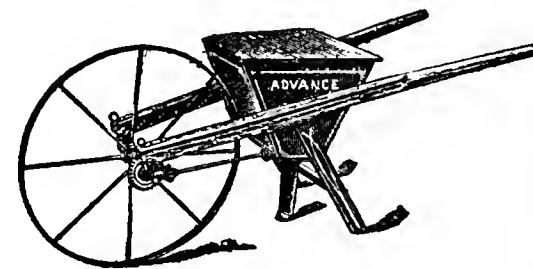


Saves three-fourths the time consumed in the old laborious method of planting with a hoe by using this tool.

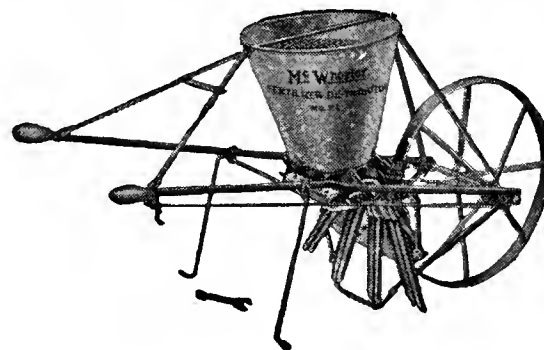
Price, \$3.00. Mail Wt., 6 lbs.

Advance Fertilizer Drill
Price, \$18.50

The best low-priced fertilizer distributor on the market. Also, a first-class tool for drilling corn, beans and peas. Galvanized disk and lining. 18-quart hopper. Gear-feed makes it positive. High wheel runs easy. Can be used with a horse.



McWorther Fertilizer Distributor No. 21



This machine is particularly adapted to the needs of the Market Gardener. Lime or fertilizer can be sown in the furrow, beside the growing crops, as a top dressing or broadcast to the width of 30 inches, can be adjusted to sow any quantity from 200 lbs. to 1 Ton per acre.

Price, \$22.00

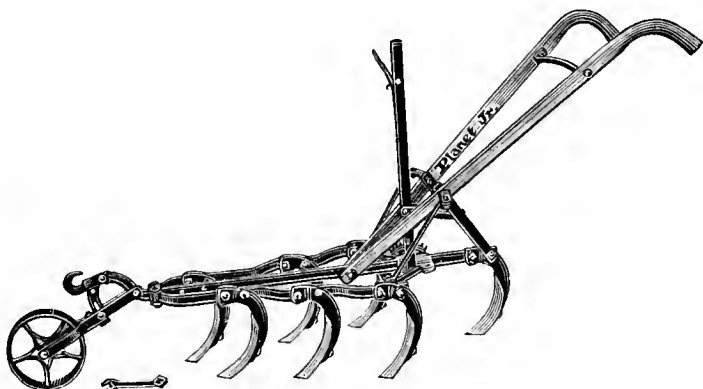
HORTICULTURAL TOOLS

No. 8 Planet Jr. Horse Hoe and Cultivator



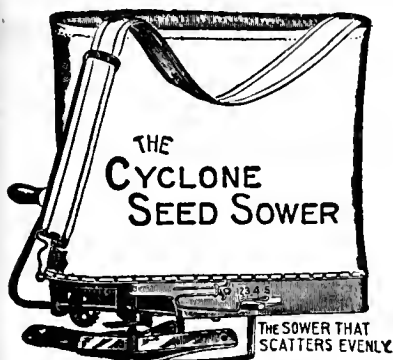
Frame of stiff steel, extra long and high, closes to 10 inches and opens to 25. Handles adjustable up, down and sidewise. Cultivator teeth are of high carbon beveled steel. Patent hillers are reversible for hoeing or hilling. Complete, with depth regulator and lever wheel.....**\$16.25**

No. 107 Planet Jr. Seven-Tooth Plain Cultivator



The No. 107 Planet Jr. Seven-Tooth Plain Cultivator is in the opinion of those who profit by and appreciate fine cultivation, the most profitable One-Horse Cultivator to use.

The seven teeth make possible finer cultivation than can be had with a five-tooth cultivator, and more thorough. Price, complete with steel wheel, and lever expander.....**\$12.75**

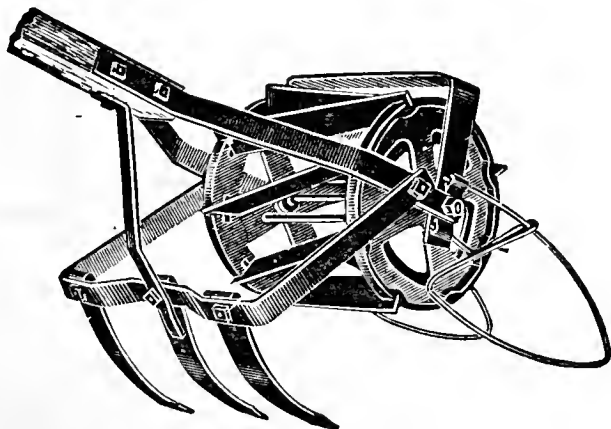


Cyclone.—(New Improved Model). An accurate, portable seeder, for all broadcast sowing or fertilizing. Fits comfortably over shoulder; provided with automatic adjustment for stopping flow of contents when required. A great time and labor saver. Each, **\$2.15.**

P. P. Wt., 4 lbs. Postage Extra.

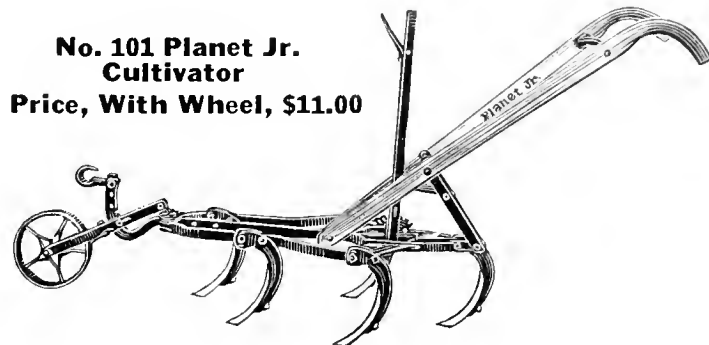
Easy Garden Raiser

Standard Model. 8½ inches wide.



A combined weeder, mulcher and cultivator. 10 times faster than hoeing. Keeps the garden in perfect condition and produces earlier and bigger yields.

Price, complete, **\$8.50**



No. 101 Planet Jr. Cultivator
Price, With Wheel, **\$11.00**

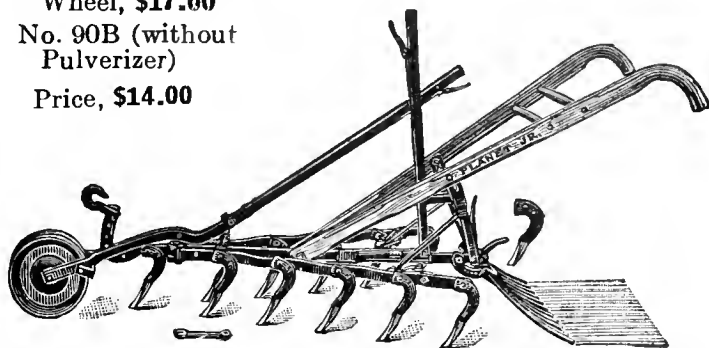
A new and improved cultivator sold at a low price. Stop in and see it. It will please you.

No. 90 Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

Complete, with Steel Wheel, **\$17.00**

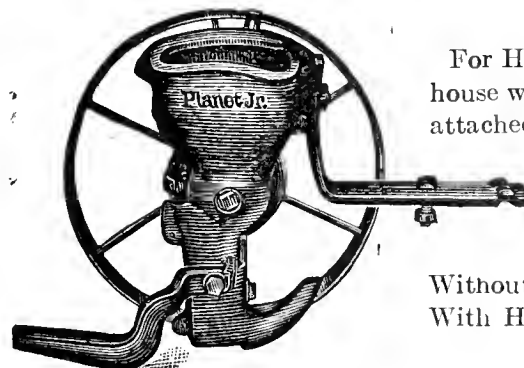
No. 90B (without Pulverizer)

Price, **\$14.00**



This tool has become a special favorite with strawberry, tobacco and sugar beet growers, market gardeners, truckers and farmers, because of its twelve chisel-shaped teeth. The teeth and pulverizer leave the ground in fine condition. Depth can be regulated instantly. Cultivates any width from 12 to 32 inches. Handles adjust up, down and sidewise.

Planet Jr. Seeder Attachment No. 35



For Hot-bed or Green-house work. Can also be attached to the 119-Wheel Hoe or all Single and Double Wheel Hoes.

Without Handle. **\$6.50**
With Handle..... **7.25**

Juvenile Garden Cultivator for Boys and Girls Equipment Three Steel Cultivator Teeth



A real tool that will do the work of the large cultivators: extra attachments can be supplied. List and prices on application. Price, **\$4.00**

SPRAYERS AND SUPPLIES

Postage Extra. Consult "Postal Directions" Inside front cover

BLUE RIBBON

Galv.
Tank

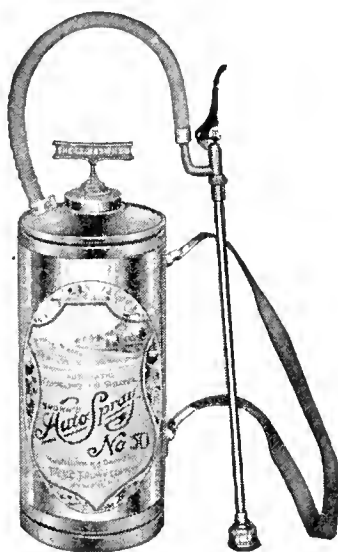
Price,
\$5.00

Mail wt.
10 lbs.



An efficient, durable serew locking compressed air sprayer made of the best materials obtainable, but very reasonably priced to meet the present day demand. It is built with either a heavy sheet brass or strong copper-bearing galvanized steel tank of three and three-quarter gallons capacity. Complete equipment includes strong web carrying strap, $\frac{3}{8}$ " 5 ply spray hose, automatic all-metal shut-off, seamless brass extension and screen non-clog nozzle. The serew locking cap and D handle are NICKEL PLATED to prevent rust and corrosion.

Auto Spray No. 50



This sturdy little machine is similar in construction to the Auto Spray No. 1. It has a capacity of $2\frac{1}{2}$ gallons and is equipped with the Auto Pop Nozzle and a 24-inch extension pipe, the pump cylinder being made of brass seamless tubing.

USES—For spraying small garden plots, shrubbery, potatoes and all low growing vegetation. It is especially convenient for use in greenhouses.

Prices:

Auto-Spray No. 50B, all brass tank.....\$8.75

Auto-Spray No. 50D, galvanized tank..... 5.75

Postage Extra. Mail Wt., 6 lbs.

BLUE RIBBON

Brass
Tank

Price,
\$7.50

Mail wt.
10 lbs.

Spray Nozzles and Fittings

Auto Spray	\$0.60
Power	1.10
Fembro .....	.60
Imperial .....	.40
Graduating Ver-	
morel .....	.80
Bordeaux	1.00
Brass Male End	
Coupling .....	.30
Brass Female End	
Coupling .....	.30
Brass Elbow .....	.30
Shut-off Cock .....	.50

Spraywell Rubber Sprayer



For spraying small plants, an ideal one for house use. Either straight neck or crook neck.

6 oz.\$0.85

Mail weight, 8 oz.

10 oz.\$1.25

Mail weight, 1 lb.

Myers' Little Giant Brass Pump



No. 327 $\frac{1}{2}$ Bucket Brass Spray Pump complete with hose and combination fine and coarse spray and solid stream nozzle. **Our Special price, \$4.25.** Mail weight, 6 pounds.

Brass Ball Valves

Medoc Bucket Pump

The pump is double acting, has large capacity and will give 150 pounds pressure at nozzle. The valves and plunger can be removed for cleaning or inspection with a common wrench. All parts except handles and foot-rest are of brass.

Mail weight 4 lbs., complete with 3 feet of hose and nozzle. P.P. Wt., 6 lbs. Price, each \$6.00

The Auto Spray

A Self-Operating Automatic Sprayer



This machine is one of the strongest and most simple in its parts. The pump is locked by means of a sliding cam, which prevents wear, gives long service and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank, and the operator has only to direct the spray. It can be used in the garden for small trees and shrubs, spraying weeds, spraying cattle or white-washing. Cylinders are made of both galvanized iron and brass with locked seams. It

can be carried in the hand or used as a knapsack sprayer.

No. 1B. Brass Tank with Auto Spray\$10.00

No. 1D. Galvanized Tank with Auto Spray 6.75

One two-foot Extension Pipe included with each sprayer.

Postage Extra. Mail wt., 10 lbs.

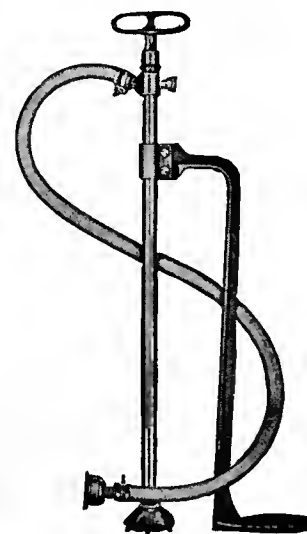
Extension Pipes. Two-foot lengths for spraying tall shrubs and trees; solid brass. Each..... .60

Galvanized Strainer. For straining lumpy liquid. Each..... .70

Brass Auto-Pop Nozzle. Shown in cut, part of No. 1B equipment. When sold separately..... 1.50

Auto-Pop. With hose and fittings..... 2.00

Auto Spray No. 6



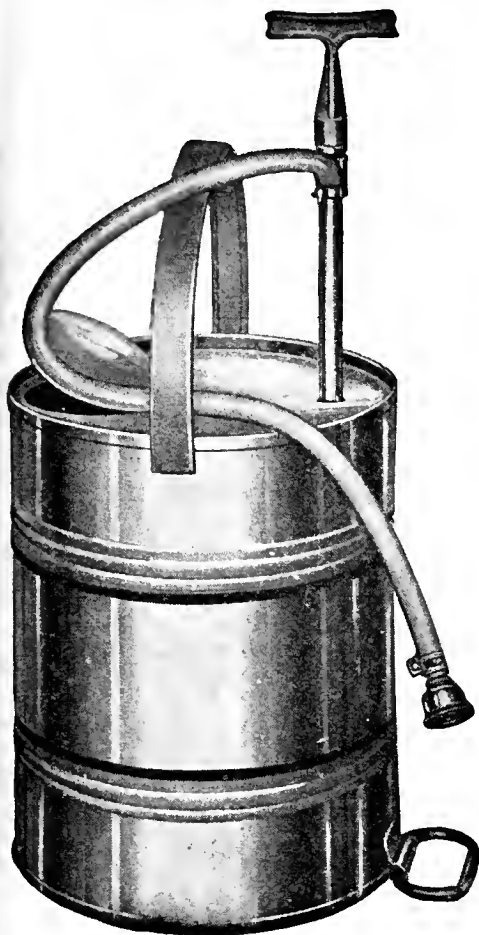
This pump is a double action sprayer, has two nozzles and is equipped with foot-rest 16 inches high, enabling the operator to use almost any bucket or container.

The pump and valves complete are made entirely of brass, and being small in diameter requires but little effort to generate a pressure of 200 pounds. There are very few pumps manufactured that can be guaranteed for this high pressure. Mail weight 6 lbs. Price, \$4.60.

Prices Subject to Change Without Notice

SPRAYERS

Auto-Spray No. 8

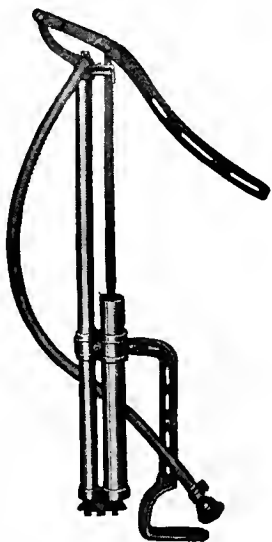


High pressure pump and tank combination. Tank holds six gallons and pump is capable of generating 200 pounds of pressure.

Uses: This pump can be satisfactorily used for handling whitewash and cold water paints. It is also an excellent general purpose pump. Any pump made of brass as this is, will handle all spray solutions in general use and any pump that will handle whitewash, will with ease, handle other solutions. Not mailable.

Price, \$7.50

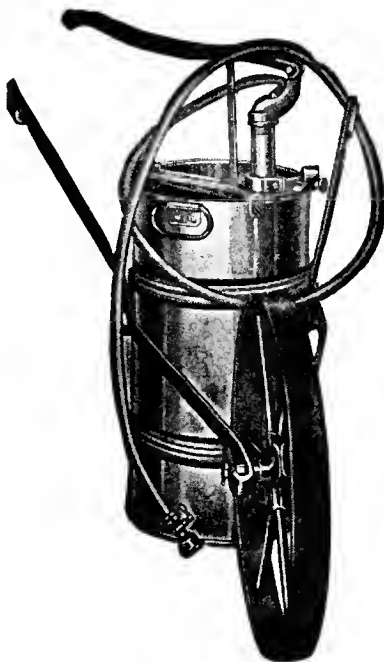
Auto-Spray No. 7



Pump made almost entirely of brass. The air-chamber and plunger tube are made of seamless brass tubing. The valve casting and valve balls are brass.

All castings that do not come in contact with solution are malleable iron. The foot rest, top casting and handle are malleable iron. These parts will almost bend double before they will break. Complete with 3 feet of $\frac{3}{8}$ inch high pressure hose and brass strainer nozzle, \$6.75. P. P. Wt., 10 lbs.

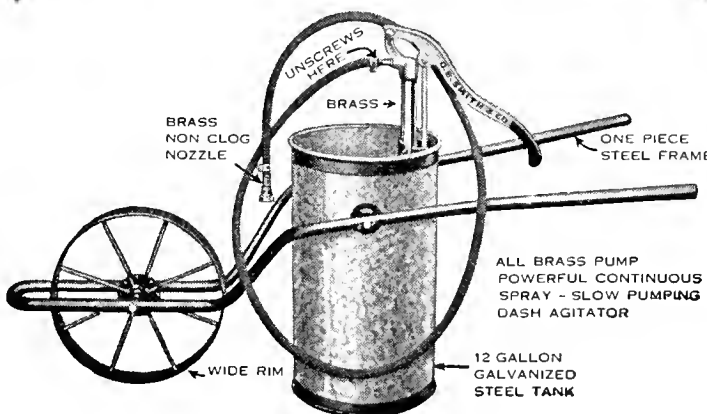
Auto-Spray No. 3



The best portable sprayer for white-washing and general spraying. The equipment consists of truck, high-pressure pump and heavy galvanized steel tank, of 12 gallon capacity. All valves, cylinders and working parts are of brass and rustproof, and the sprayer is equipped with 8 feet of $\frac{3}{8}$ -inch high pressure hose, brass strainer nozzle. Price complete, \$23.50.

Iron Extension Pipe (2 ft. 8 in.), 50c. each.

No. 50 Wheelbarrow Sprayer
Double Action—Continuous Spray



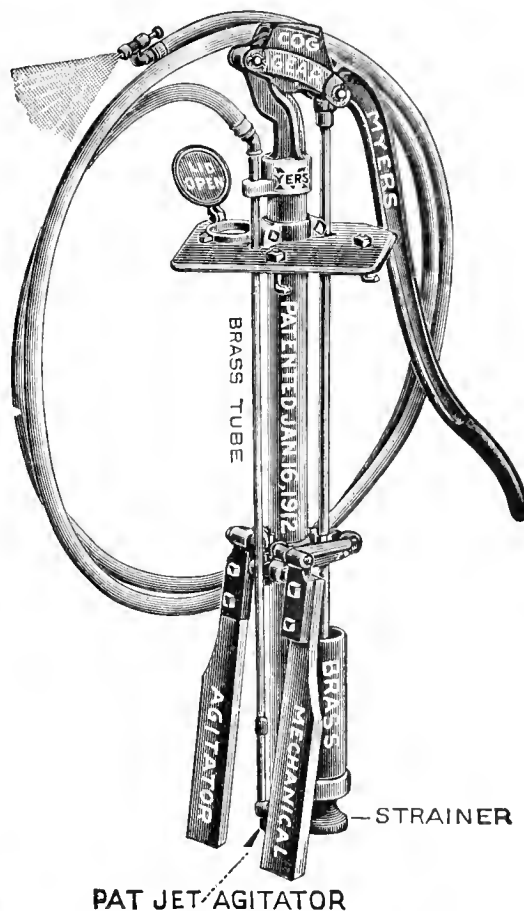
The No. 50 Wheelbarrow Sprayer is made to fill the needs of the dairyman, gardener, florist, or nurseryman. It is adapted for spraying truck crops, vineyards, orchards, flowers, and for spraying disinfectants, whitewash or Carbola in dairy barns, poultryhouses, etc. The pump is made entirely of brass, double acting, provided with large air chamber which keeps an even, heavy pressure on the nozzle, thereby producing a large, mist-like continuous, unbroken spray with slow easy pumping. Requires no priming. A dasher agitator is provided, working with each stroke of the handle.

The frame is steel, made in one piece, making it the strongest kind of a frame, with nothing to weaken or get out of alignment. The wheel has a wide rim, which will not cut into the ground and makes the outfit wheel easy. The pump may be easily detached from the tank and the tank with wheel and frame may be used for wheeling water or slop about.

Complete with 12 gallon Galvanized Tank, 8 feet of $\frac{1}{2}$ inch Hose and Nozzle.

Price, \$15.00

Barrel Spray Pump



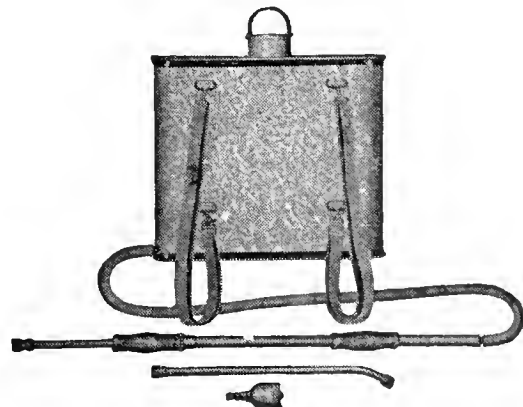
Cog Gear, Cylinder, Valves, Valve Seats and Discharge All Brass.

All working parts submerged in liquid. Hence no priming necessary.

No. R318B, Myers Cog Gear Barrel Spray Pump complete, with one lead of 15 feet of $\frac{1}{2}$ inch 5-ply discharge hose, graduating Vermorel nozzle, and both jet and mechanical agitators.

Price (no barrel) \$16.00

Brown's No. 5 Brass Auto-Spray Pump



Combination Auto-Spray No. 5 and brass or galvanized knapsack tank, as shown. Extra nozzles furnished with each machine. Can also be used with curved extension. P. P. Wt., 10 lbs.

Prices

No. 5A—Pump and galv. tank complete	\$7.50
No. 5B—Pump and brass tank complete	10.50
No. 5, Pump, hose, nozzle and strainer	4.50
Galvanized iron tank only	3.33
Brass tank only	6.33
Extension, Curved—Brass .....	.60

Postage Extra.

SPRAYERS, POWDER GUNS AND DUSTERS

Compressed Air Sprayer



A continuous atomizer of unusual merits. The pressure generated on the down stroke of the plunger allows the sprayer to produce a continuous mist like spray. This is a decided advantage over ordinary intermittent atomizers as spraying can be done more rapidly. Two nozzles are supplied, one for straight and one for angular spraying. No. 26. Brass pump and Reservoir. P. P. Wt., 3 lbs.....**\$1.50**



Duster Brown No. 1 Powder Guns

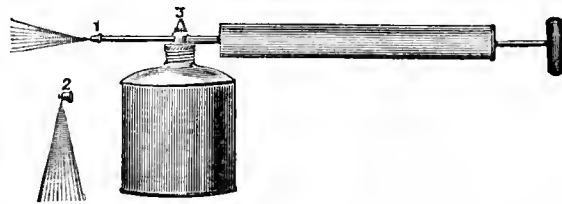
A very practical duster of new design. It is especially adaptable for use in applying insect powders. It is simply constructed and works on a new principle recently discovered. No. 1. Capacity, 1 Pint. P. P. Wt., 2 lbs.....**60c.**



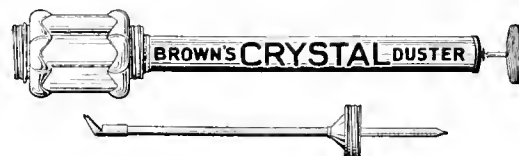
Vermorel Eclair Sprayer

The most perfect hand sprayer yet invented. For simplicity, efficiency, durability and lightness there is nothing to equal it, guaranteed to give entire satisfaction, or can be returned at our expense. Price, **\$16.50.**

ROBERTSON COMPRESSED AIR SPRAYER

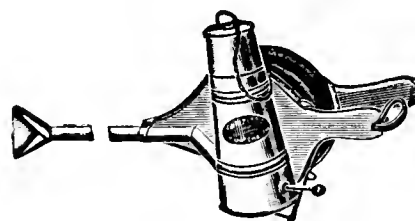


This is the best hand sprayer ever offered. Very easily operated. Tin pump with galvanized container **\$1.25**
Brass pump with copper container **2.25**
Weight 3 lbs. packed. Parcel Post extra.

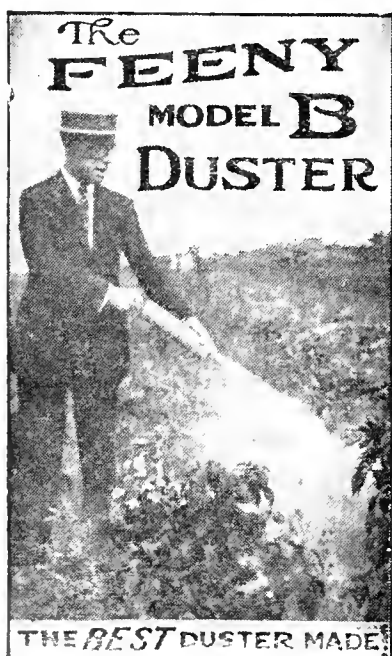


The Crystal Duster is one of the newest type Dusters on the market. We recommend this Duster for use in dusting truck crops in the garden, flower beds, etc. This Duster has the glass jar feature, which enables the operator to see the agitation of the dust and shows the amount of dust in the container. It is equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending. Capacity, 1 quart. P. P. Wt., 3 lbs.

Price, **\$1.50**



The "Famos" Hand Duster is a product of superior quality—an ideal machine for those who need a small, but efficient duster. It is light, compact, and sturdy in construction, and is equipped with extension pipes 24 inches in length. The fan-shaped spreader can be adjusted to throw dust on the underside of foliage or at any angle desired. The agitator will crush and sift Sulphur, and is especially adapted for distributing Pyrethrum Powder, Hellebore, Slug-shot, Bordeaux Mixtures, Arsenate or Lead, etc. The regulator can be set for a light or heavy application. The bellows is of a high quality leather. Capacity, 1 lb. P. P. Wt., 4 lbs. Price, **\$5.00**

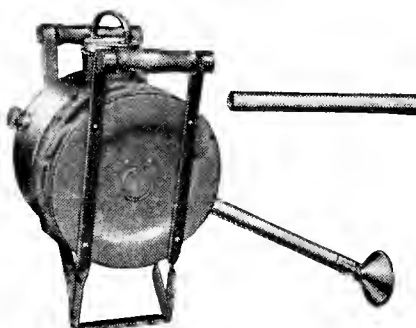


Model B. Powder Gun. Applies all dry powdered insecticides in a smoke-like cloud that reaches all parts of the plant. Very light and easy to operate.

Mail weight, 2 lbs. Price, **\$1.00**

Platz "Green" Hand Duster

New Model



Light, compact, sturdy, efficient. Capacity: 2-4 pounds. Large powerful bellows. 30-inch extension with spreader.

For Mexican Bean Beetle.

Easy to work and regulate. Practically indestructible—wearing parts can be readily replaced. Excellent for dusting either hill crops or underside of foliage. Handles any dust that can be used in larger outfits.

P. P. wt., 6 lbs. Price, **\$6.00**

Prices Subject to Change Without Notice.

Vermorel "Orange" Duster



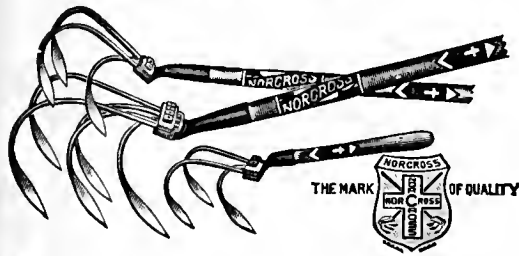
For dusting sulphur or sulphur and arsenate mixtures, arsenate of lead or calcium, arsenite of zinc, Paris Green, Bordeaux or Bordeaux Lead powders, lime, nicotine dust, etc.

Size 12" x 16". Hose and tube length four and one-half feet. Capacity, six quarts, dry measure (9 lbs sulphur flowers).

Price.—Single Action **\$12.00**
Double Action **16.50**

HORTICULTURAL TOOLS AND SUPPLIES

Norcross Cultivator



An excellent tool having adjustable teeth for spanning the row by removing centre tooth, or between rows using any number of teeth.

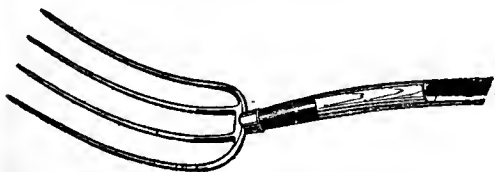
- 5 Pronged, Long Handle.....\$1.10
- 3 Pronged, Long Handle..... .85
- 3 Pronged, Short Handle..... .45

Spading Forks



- Four prong. Fine quality steel. Strapped shank. Iron D handle.....\$1.35
- Four prong, wood D handle, extra quality.....\$2.25
- Five prong, wood D handle..... 2.75

Manure Forks



Finest Steel

- No. 04D.—4 tine, strapped shank, D handle, \$1.75
- No. 044½Z.—4 tine, plain ferrule, bent handle, \$1.75

Turf Edgers



For trimming paths
Flat top edge and foot rest.....\$1.35

Shovels



Polished Steel

- No. 2, good quality, D handle.....\$1.75
- No. 2, round point, D handle..... 1.75
- No. 2, round point, long handle..... 1.75

Garden Spades

Polished Steel—D handle



- Keeler Special.....\$1.00
- Portage City..... 2.00

Bush Hook



Two-Ring Bush Hook.....\$2.00

Hoes



Warren

- No. W7\$1.30
 - No. W7½ 1.45
- Baby Warren Hoe. A good transplanter, same shape as above, short handle, 50c.

Jersey Truck



- Jersey Truck, 7½.....\$1.10
- No. G6X, 6 in..... 1.15
- No. G7X, 7 in..... 1.20

Half Moon



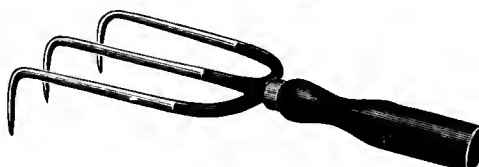
- H. M. O.—4 in.....\$1.10
- H. M. O.—5 in..... 1.15
- H. M. O.—6 in..... 1.20
- H. M. O.—7 in..... 1.25

Onion Hoe



Two prong, very useful in working narrow rows. Price, 60c.

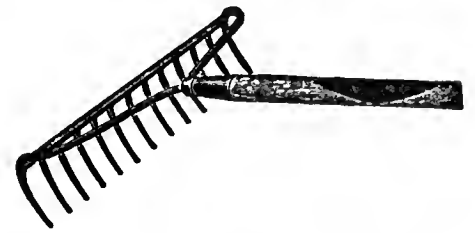
Eureka Weeder



- A good tool for scratching about plants. Price (mail weight, 2 lbs.).....\$0.50
 - Secor, or small 5 tooth (mail weight, 1 lb.)..... .15
 - Hand Weeding Forks.—3 tine..... .50
 - Hand Weeding Forks.—4 tine..... .30
- Postage Extra.

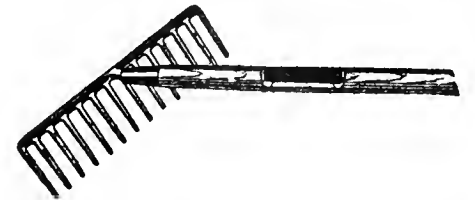
Prices Subject to Change Without Notice

Steel Bow Rakes



The teeth have a slight curve as shown in cut. Some people prefer this style.
B10.—10 tooth, \$1.00 B12.—12 tooth, \$1.15
B11.—11 tooth, \$1.10 B14.—14 tooth, \$1.25

Straight Tooth Garden Rakes



- 10 tooth, light steel\$0.60
- 12 tooth, light steel70
- 12 tooth, extra quality steel..... 1.10
- 14 tooth, extra quality steel..... 1.20

Lawn Rakes



- Red Jacket.—Self cleaning wire rake \$1.50
- Lawn Queen Wire Rake, 24 Teeth.... 1.00
- Ole Olsen Wood Rake, 26 Teeth..... 1.00
- Bamboo Broom Rake, 33 Teeth..... .50

Lawncomb

A new unbreakable lawn rake, made of flexible spring steel for removing leaves and litter from the lawn and garden.

- 18 inches wide.....\$1.00
- 24 inches wide..... 1.50

Garden Trowels



Finest Steel

- DST Trowel\$0.85

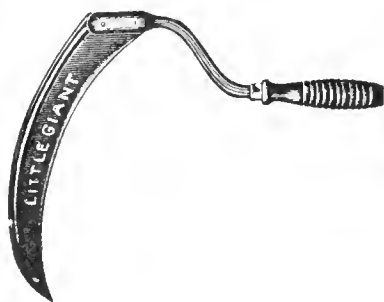


- Johnson Forged Steel Socket, 7 inch \$0.85
- All Steel..... .25
- Long Wood Handle..... .35
- Transplanting Trowels.—5 inch..... .20
- Transplanting Trowels.—6 inch..... .25
- Transplanting Trowels.—7 inch..... .30
- Good Quality Wood Handle..... .20

HORTICULTURAL TOOLS AND SUPPLIES—Continued

Postage Extra. Consult "Postal Directions" inside front cover.

Grass Hooks



Little Giant.....\$0.75
English......60
Austrian......50
Not mailable.

Scythe Stones



Darby Creek ..\$0.25
English, Round .30
Not mailable.

Scythes

Double ribbed backs. Extra strong heel.

Bush.....\$2.00
Weed.....2.00
Grass, English, 30 to 34 inches.....2.50
Handles, Heavy.....2.00

Tree Pruners



Pruning Shears

50 Hand Pruners, mail weight, 2 lbs.....\$1.00
R 50 " " " " 2 lbs.....1.40
60 " " " " 2 lbs.....1.40
R 60 " " " " 2 lbs.....1.50
65 " " " " 2 lbs.....1.75
R165 " " " " 2 lbs.....2.25
R 70 " " " " 2 lbs.....2.00
R170 " " " " 2 lbs.....2.50
14, Nickeled, 6½ in., mail wt., 1½ lbs.....1.50
140, Black......65

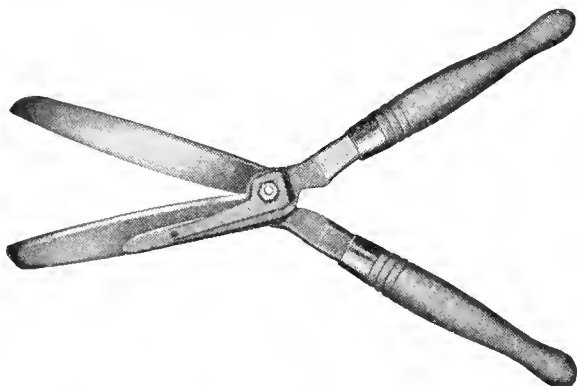
Tree Pruners

4 feet.....By Express.....\$2.00
6 feet....." ".....2.25
8 feet....." ".....2.50
10 feet....." ".....2.75
12 feet....." ".....3.00

Lopping Shears

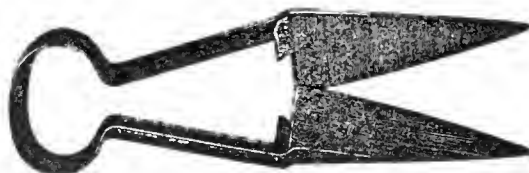
Clyde, compound leverage, No. 5400.....\$3.50
Clyde, compound leverage, No. 5401.....3.00

Yeakle Hedge Shear



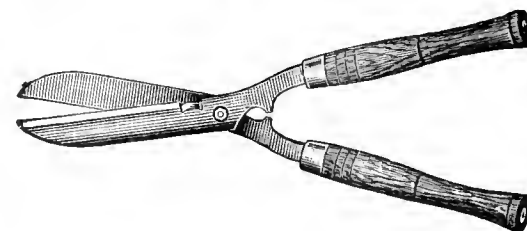
These shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, which has a tendency to keep them sharp. Price, \$6.75.

Grass Shears



Full Polished, Extra Quality.....\$1.00
Half Polished, Fine Steel......75
Good Quality......50
Mail weight, 2 lbs.

Hedge Shears



Ladies, 6½ inch, mail wt., 3 lbs.....\$1.50
8-inch, with notch, mail wt., 3 lbs.... 2.25
9-inch, with notch, mail wt., 4 lbs.... 2.50
10-inch, with notch, mail wt., 4 lbs.... 2.75
12-inch, with notch, mail wt., 5 lbs.... 3.00

Gardeners' Rubber Aprons

For watering, washing vegetables, etc.
Size, 36 x 27.....Postpaid, \$1.00



Tested Thermometers

Mushroom or
Hotbed. Brass
Pointed. \$2.50.
Household. All
grades, 35c. to
\$1.50. Mail Wt.
1 lb.

Household



Hotbed



The Logan Powder Sifter

Made from heavy tin, bottom and side perforated. Can be adjusted to put a small or large quantity of dust on potatoes or other vines.

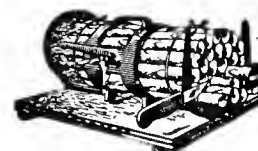
Price, 75c.
Parcel Post weight, 2 lbs.

Transplanting Trowels



Price, 75c.
Mail Wt. 2 lbs.

Asparagus Buncher



Price with knife guard, \$4.00.
Mail Wt., 6 lbs.

Asparagus Knives



A handy tool also for cutting out weeds. Straight and Fishtail. Price, 50c.
Mail weight, 1 lb.

Field Hoes Picks



Fitted With Handles.

Garden Mattocks Grubbing Hoes

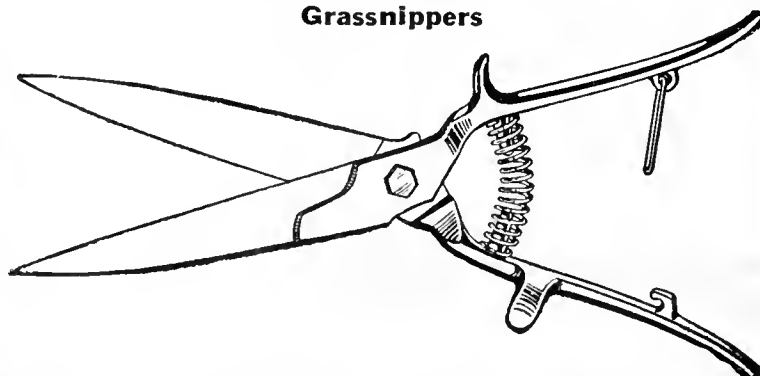
Field Hoe (as in cut) 6½ in. Blade.....\$2.25
Half Mattocks or Grub Hoes, with handles .. 1.50
Long Cutter or Axe, pointed, with handles... 1.50
Picks, with handle.....1.50
Handles, separate......60

Dibbles



Iron Point, small, each.....60c.
Iron Point, large, each.....65c.
Brass point, each.....85c.
Mail Wt., 2 lbs.

Grassnippers



A very practical Shear for cutting Grass, Light Vines, etc. Price, \$1.00. Mail Wt., 2 lbs.

Prices Subject to Change Without Notice

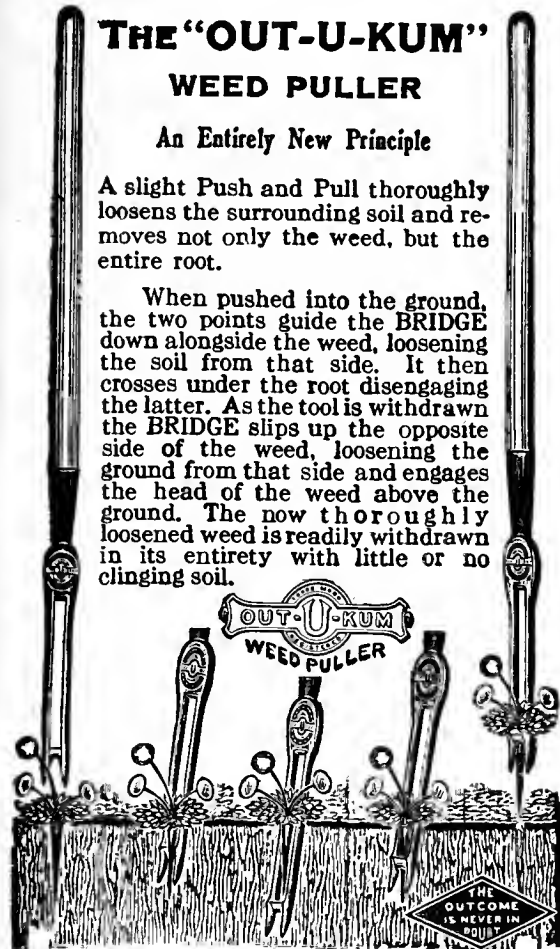
THE "OUT-U-KUM"

WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price, 75c. Each. Mail weight, 2 lbs.

Postage Extra.

Asbestos Torches

For burning caterpillar webs from trees. Each, 50c.

Raffia

A natural grass for tying plants and for bunching vegetables. 10 lbs., \$3.00. Per lb., 35c.

"Schoendigs" Fruit Pickers

Wire frame with cloth bag. Fruit can be picked without being bruised. Each, 50c.

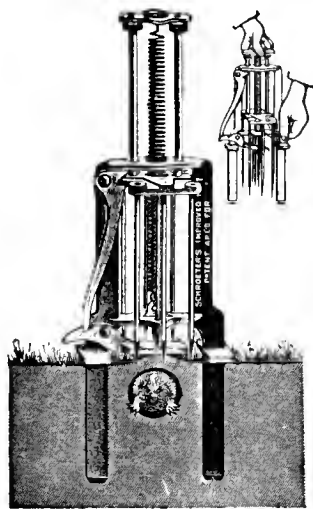
Grafting Wax

The one easiest to apply and put up in convenient packages.

¼ lb., 15c.; ½ lb., 25c.; 1 lb., 45c.

Postage Extra.

Mole Traps



Schroeter's

These are considered the most successful. Schroeter's Self-Acting \$2.00
Mail wt., 3 lbs.

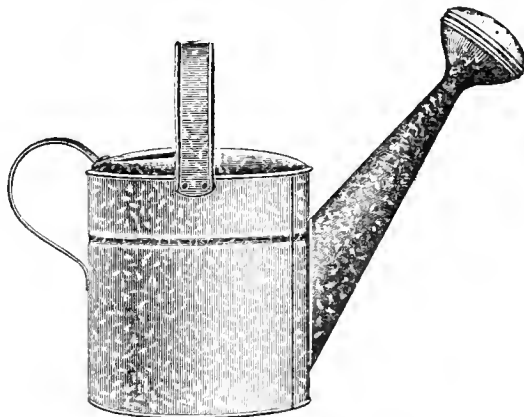
Postage Extra.

Pruning Knives

1 blade, white handle \$0.90
2 blades, " " 1.10
Corn Knives60

Postage extra, 10c.

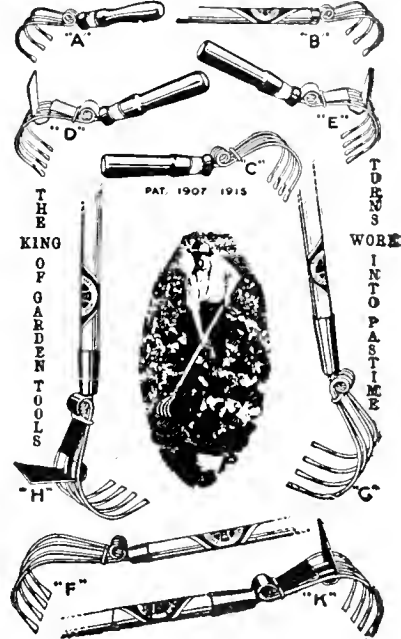
Galvanized Watering Cans



Made of heavy sheet metal with removable rose.

	Each
4 quart	\$1.00
6 quart	1.10
8 quart	1.25
10 quart	1.40
12 quart	1.50

REICHARD'S COMBINATION SPRING-TOOTH Magic Weeder Hoes



Magic Weeders

These spring tooth weeders are strong in construction and very popular.

A. 5½-inch handle Wt. 1 lb. \$0.15
B. 18-inch handle Wt. 1 lb. .25
D. 6-inch handle, with blade Wt. 2 lbs. .45
F. 42-inch handle, no blade Wt. 4 lbs. .75
H. 48-inch handle, with blade Wt. 4 lbs. 1.25

Postage Extra.

Pull Easy Cultivators

These cultivators can be adjusted to any width.

P. E. J., 4 teeth, with 4-foot handle, adjustable, 2 to 6-inch Rows. 75c. each. Mailing weight, packed, 2 lbs.

P. E. J., 5 teeth. Handle 4 feet long. Adjustable, 6 to 12 inches. \$1.25 each. Mailing weight, packed, 2 lbs.

P. E. C., 9 teeth. 4½-foot handle. Will cultivate rows 6 to 18 inches wide. Mailing weight, packed, 4 lbs. \$1.50 each.

Postage Extra.

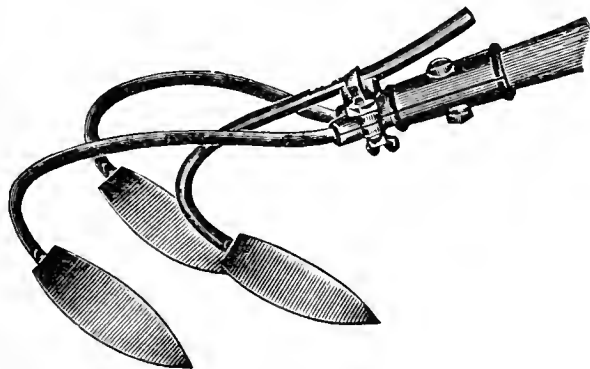
All Steel Garden Sets

Five pieces consisting of Garden Trowel, Bulb Trowel, Hand Fork, Cultivator and Weed Cutter, finished in green enamel. Parcel Post weight, 3 lbs.

Price complete, \$1.00

Postage Extra.

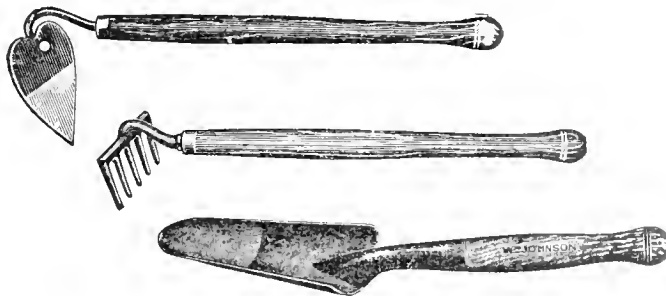
Gardener's Friend Handy Cultivator



This cultivator is also equipped with a shield which is used in place of the centre tooth when cultivating young plants. By reversing the centre tooth it can be used for opening the drills when sowing seed. This tool is made of the best steel. Price, complete, \$2.00.

Mail weight, 5 lbs. Postage Extra.

"Garden Beauty" Floral Set



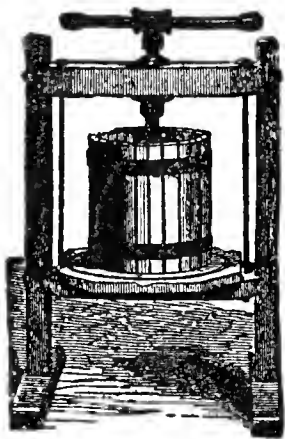
All Finished in Red Enamel.

All practical tools, well constructed. Polished hardwood handles, brass ferrules. Weight per Set, 2 lbs.

Price, \$1.00

Postage Extra.

Cider or Fruit Presses



These presses are strongly constructed of hard wood, well bolted together and nicely finished.

First Quality

No. 1	\$7.50
No. 2	9.00
No. 2½	11.50
No. 3	13.50

Combined Cider Mills and Presses

Gem self-feed No. 0	\$16.50
Gem self-feed No. 1	19.00
Junior	29.50

Fruit Grinders for Apples, Grapes, etc.

The Handy	7.00
Baby Boss, Jr.	9.50

Parker Fruit Press

This machine is made entirely of metal. The capacity is six quarts and operates with both screw and ratchet pressure, giving more juice than any other press on the market. Handsomely finished in Robin's Egg Blue enamel. Can also be used for Jellies, Meats, Lard, etc. Parcel post weight, 33 lbs. Price, \$10.00

If wanted by parcel post, add postage.

EVERY HOME NEEDS THIS NEW GARDENING AID!

Spreads Vigoro and seed evenly and accurately. Saves time and labor. Ideal for sowing on windy days. Designed for use on established lawns. Can be used on newly prepared soils if well firmed. Costs no more than a good garden spade. Sturdily constructed.

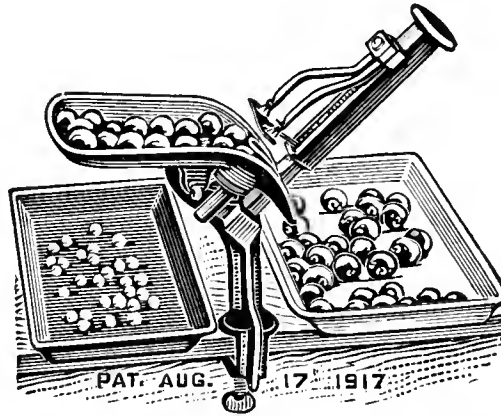


Price,
\$1.95.

Postage extra.
Mail Wt.,
6 lbs.

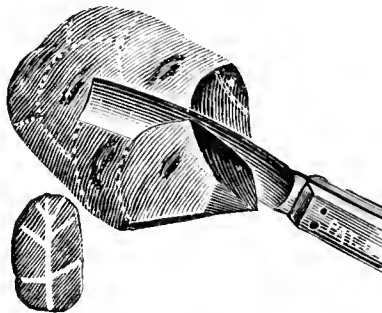
Little Vigoro Spreader

"Home" Cherry Stoner



Price each, \$1.00. Mailing Weight, 3 lbs. Postage extra.

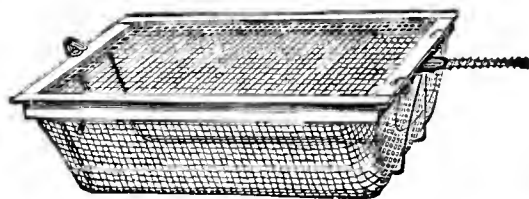
CONCAVE POTATO KNIFE



A handy knife for cutting seed potatoes and shaped so as to cut enough flesh with each eye to strengthen and vitalize it. By using this knife you will save time, labor and seed. Right or left hand.

35c. each, postpaid.

CORN POPPER



1 quart size	35c. Postpaid
2 quart size	55c. Postpaid
4 quart size	85c. Postpaid

THE E-Z CORN POPPER



A new style Corn Popper for household use that takes the hard work out of corn popping.

Will pop corn with or without butter (many prefer Mazola) and is easy to keep clean; uses less heat and will not burn the corn. Will pop on gas, kerosene or wood stove.

It is well made and will last a life time.

Price, \$1.50. Postage extra.

Success Flower Boxes



The "Success" (patented) Flower Box is a strongly made, watertight, galvanized steel box, attractively finished with a baked-on enamel in dark green. Its neat design harmonizes with any surroundings. The top edges have a pleasing roll finish and the boxes are made entirely suitable for all locations.

There is a waterpocket which runs the full length of the box on one side at the bottom, as shown in the picture. Leading from it into the box itself are tubes to convey the water to the soil.

Prices and Sizes of Boxes

Model A is 8½ inches wide, 6¼ inches deep, and is furnished in the following lengths:

24 inches	\$1.50
30 inches	2.00
36 inches	2.50

PERFECTO FLOWER BOXES

Self Irrigating

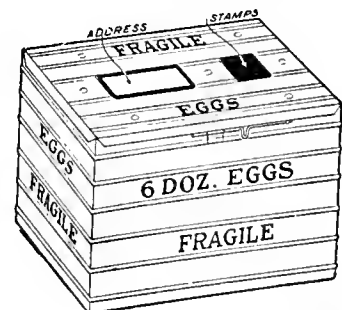
Made of Coppered Steel and Finished in Red, Green or Ivory Enamel

The only Flower Box made that provides sub-watering at either end and having air circulation beneath the plants, which prevents souring of the earth.

20 in. long, 6 in. deep, 7 in. wide	\$1.00
26 in. long, 6 in. deep, 7 in. wide	1.50
32 in. long, 6 in. deep, 7 in. wide	2.00
38 in. long, 6 in. deep, 7 in. wide	2.50
44 in. long, 6 in. deep, 7 in. wide	3.00

Postage Extra.

New Model Metal Egg Crates



With Metal Edge Filler

Metal Egg Crates do not require outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.

Prices

Weight

1½-dozen size—all eggs	3 lbs.	\$1.25
Two-dozen size—all eggs	3 lbs.	1.50
Three-dozen size—all eggs	3 lbs.	1.75
Four-dozen size—all eggs	4 lbs.	2.00
Six-dozen size—all eggs	5 lbs.	2.50

Postage extra.

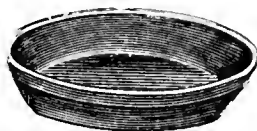
Earthenware Flower Pots



These cannot be sent by Parcel Post.

Size	Each	Dozen	100	1000
1 -inch.....	\$0.02	\$0.20	\$1.35	\$12.15
2 -inch.....	.03	.25	1.15	10.15
2¼-inch.....	.04	.30	1.20	11.50
2½-inch.....	.05	.35	1.50	13.50
3 -inch.....	.06	.40	1.95	17.55
3½-inch.....	.06	.45	2.40	21.60
4 -inch.....	.07	.50	3.00	27.00
4½-inch.....	.08	.60	4.05	36.45
5 -inch.....	.10	.75	5.40	48.60
5½-inch.....	.12	1.00	6.75	60.75
6 -inch.....	.12	1.20	8.10	72.90
7 -inch.....	.20	2.00	13.50	
8 -inch.....	.25	2.75	19.50	
9 -inch.....	.35	4.00	30.00	
10 -inch.....	.50	5.50	40.50	
12 -inch.....	1.00	11.00	82.50	
14 -inch.....	1.50	17.50	135.00	

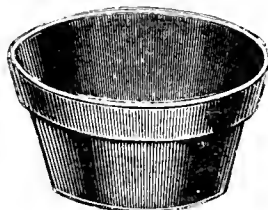
Earthenware Saucers



These cannot be sent by Parcel Post.

	Each	Dozen	100
4-inch.....	\$0.03	\$0.30	\$2.25
5-inch.....	.04	.40	3.00
6-inch.....	.06	.65	4.50
7-inch.....	.08	.80	6.00
8-inch.....	.10	1.10	8.25
9-inch.....	.15	1.50	11.25
10-inch.....	.20	1.75	13.50
11-inch.....	.25	2.25	16.50
12-inch.....	.30	2.75	20.25
14-inch.....	.40	5.00	33.75

Earthenware Bulb Pans



These cannot be sent by Parcel Post. These are fine for planting bulbs, for ferns and other compact plants.

	Each	Dozen	100
6-inch.....	\$0.12	\$1.20	\$8.10
7-inch.....	.20	2.00	13.50
8-inch.....	.25	2.75	19.50
9-inch.....	.35	4.00	30.00
10-inch.....	.50	5.50	40.50
12-inch.....	1.00	11.00	82.50
14-inch.....	1.50	17.50	135.00

Japanese Cane Stakes

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	1000
1½ Green.....	\$0.15	\$0.75	\$4.00
2 Green.....	.20	1.00	6.00
2½ Green.....	.25	1.25	7.00
3 Green.....	.35	1.40	8.00
3½ Green.....	.35	1.75	9.00
4 Green.....	.40	2.00	10.00
5 Green.....	.50	2.25	12.50

Plain Bamboo Stakes

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

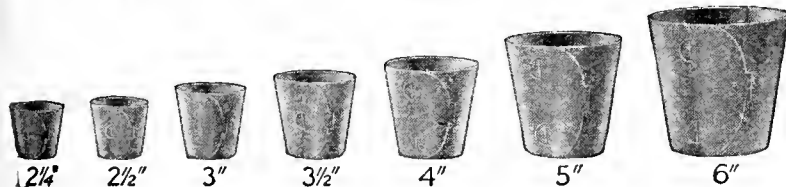
	Doz.	100
4 feet, ¾ in. thick.....	\$0.50	\$3.00
4 feet, ½ in. thick.....	.65	4.00
6 feet, ½ in. thick.....	1.00	7.00

Square Plant Stakes

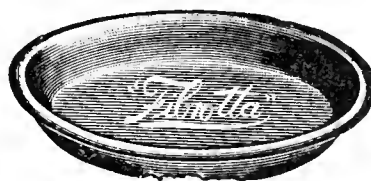
These are painted green and nicely tapered and finished.

	Weight per Doz.	Each	Doz.	100
1½ foot..... ½ lb.	\$0.04	\$0.35	\$2.10	
2 "..... ½ lb.	.06	.55	3.75	
2½ "..... 1 lb.	.07	.75	5.50	
3 "..... 2 lbs.	.10	1.00	7.00	
3½ "..... 2½ lbs.	.11	1.15	9.00	
4 "..... 4 lbs.	.13	1.40	10.50	
5 "..... 6 lbs.	.16	1.85	12.50	

Bird's IMPROVED NEPONSET Flower Pots



Diam.	Parcel Post Weight Per doz.	Per 100	Doz.	100	1000
2¼ inches.....	3 ozs.	2 lbs.	\$0.12	\$0.50	\$4.45
2½ inches.....	3 ozs.	2 lbs.	.15	.60	5.15
3 inches.....	5 ozs.	2 lbs.	.18	.80	7.05
3½ inches.....	7 ozs.	3 lbs.	.20	1.00	9.15
4 inches.....	8 ozs.	4 lbs.	.25	1.30	11.40
5 inches.....	15 ozs.	7 lbs.	.30	2.00	17.75
6 inches.....	2 lbs.	11 lbs.	.45	2.70	22.00



Wood Fibre Saucers

	Parcel Post Weight	Each	Doz.
5-inch ¼ lb.	\$0.34	\$3.90	
6-inch ¼ lb.	.37	4.20	
7-inch ½ lb.	.39	4.50	
8-inch ½ lb.	.43	4.90	
9-inch ¾ lb.	.46	5.30	
10-inch ¾ lb.	.55	6.30	

Green Painted Rose or Dahlia Stakes

	Parcel Post Weight per doz.	Each	Dozen	100
2½ feet.... 4 lbs.	\$0.11	\$1.25	\$8.00	
3 feet.... 5 lbs.	.13	1.44	11.00	
4 feet.... 6 lbs.	.17	1.92	15.00	
5 feet.... 7 lbs.	.22	2.50	19.00	

Square Cypress Dahlia Stakes

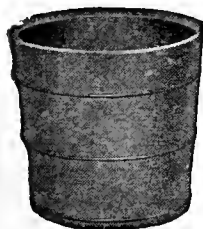
4 feet.... 8 lbs.	Each, 15c.	Doz., \$1.50
6 feet.... 12 lbs.	Each, 20c.	Doz., \$2.00

Fan Trellis

A very popular style for roses, made of wood, painted green.

Size	Each
18 inch.....	\$0.45
24 inch.....	.50
3 feet.....	1.35
5 feet Rustic Trellis.....	2.25
6 feet Rustic Trellis.....	3.00

Plant Tubs



Made of white cedar painted green, electric welded heavy wire hoop without handles. We sell handles separate. 30c. pair.

No.	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Each
1....	6 in.	5 in.	6 in.	\$0.75
2....	7 in.	5 in.	7 in.	.80
3....	8 in.	6 in.	8 in.	.85
4....	9 in.	7 in.	9 in.	.90
5....	10 in.	7½ in.	9 in.	.95
6....	11 in.	8½ in.	10 in.	1.15
7....	12 in.	9 in.	11 in.	1.30
8....	13 in.	10 in.	12 in.	1.75
9....	14 in.	11 in.	13 in.	1.85
10....	15 in.	11½ in.	14 in.	2.25

Pot Labels

Plain pointed wood for flowers and all plants.

	Mail Wt. per 100	100	1000
4 in..... ½ lb.	\$0.30	\$2.00	
4½ in..... ½ lb.	.35	2.25	
5 in..... ½ lb.	.40	2.45	
6 in..... ¾ lb.	.50	3.00	
8 in..... 2 lbs.	1.40	8.50	
10 in..... 2½ lbs.	1.90	11.50	
12 in..... 3 lbs.	2.25	13.65	

3½ inch Wired Tree Labels

Iron, Plain.....	100, 30c.; 1000, \$2.25
Copper, Plain.....	100, 40c.; 1000, \$2.75
Copper, Painted.....	100, 50c.; 1000, \$3.25

Prices Subject to Change Without Notice



Cedar Tree Tubs

New York Pattern

Made of choicest seasoned white cedar. Highly finished, iron hoops, iron feet and drop handles.

No.	Inside Top Diam.	Inside Bottom Diam.	Depth	Each
1	12 in.	9¾ in.	10½ in.	\$2.75
2	13 in.	10¾ in.	12¾ in.	3.50
3	14½ in.	12 in.	14¾ in.	4.50
3½	16½ in.	14½ in.	14¾ in.	5.50
4	19½ in.	17¼ in.	16½ in.	6.25



Books for better Gardens

ASPARAGUS

By F. M. Hexamer. A practical treatise on the best method of raising, cultivating, harvesting, marketing, forcing and canning asparagus.....\$1.00

CAULIFLOWER AND BROCCOLI CULTURE

By A. G. B. Bouquet. Soil, climatic requirements, plant growing, pest control, marketing, yields and values, costs, varieties and seed growing.....\$1.25

CELERY CULTURE

By W. R. Beattie. A practical guide for beginners and standard reference to those already engaged in growing celery\$1.00

NEW ONION CULTURE

By T. Grelner. A new method of growing onions of the largest size and yield on less land than can be raised on the old plan.....\$1.00

TOMATO CULTURE

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POTATO PRODUCTION

By A. L. Nixon. Describes in detail the cultivation, shipping, marketing and storing of potatoes. A practical handbook for the grower whether on a large or small scale.\$1.25

HANDBOOK OF FERTILIZERS

By A. F. Gustafson. A modern work. Treats source, character and composition, also their application for different crops. \$1.25

THE GARDENER

By L. H. Bailey. Simple directions for growing the common fruits, vegetables and flowers in the garden and about the house. An accurate gardening guide, arranged alphabetically for handy reference. ...\$2.00

STARTING EARLY VEGETABLE AND FLOWER PLANTS UNDER GLASS

By C. H. Nissley. Including the details of construction and heating as well as the operation of small greenhouses—sash houses—hot beds and cold frames, etc., etc. Suitable alike for the amateur as well as the commercial grower\$3.00

HOME FLOWER-GROWING

By E. C. Volz. This book is a real flower garden encyclopedia. It gives up-to-the-minute directions for growing every kind of garden flower with instantaneous reference through an unusually complete index. Also tells how to prepare exhibits for a flower show, and how to organize a garden club. 151 illustrations, 364 pages.....\$3.50

PRINCIPLES OF VEGETABLE GARDENING

By L. H. Bailey. Full information on growing 70 vegetable crops makes this book worth several times its price to every grower. Includes practical pointers on hotbeds, cold-frames, weeds, insects and diseases, marketing, storing, and drying. 250 illustrations, 490 pages.....\$4.00

If wanted by Parcel Post add 10% to cover cost of Mailing and Insurance.

EVERGREENS FOR THE SMALL PLACE

By F. F. Rockwell. A practical handbook on the planting and care of the Evergreens. Fully illustrated.....\$1.00

ROCK GARDENS

By F. F. Rockwell. A valuable guide on the planning, planting and care of the Rock Garden. Fully illustrated.....\$1.00

GLADIOLUS

By F. F. Rockwell. When making your selections for gladiolus bulbs, this book suggests where to place new plantings and how to select them. Later in the season the book is an indispensable guide to proper planting and care of the bulbs.....\$1.00

SHRUBS

By F. F. Rockwell. Shows you how to select and plan shrubbery plantings for home beautification; how to use various shrubs for flowers, foliage, fruits, and bark effects; how to plant, mulch, prune and protect the plants from insects and diseases... \$1.00

LAWNS

By F. F. Rockwell. Full of suggestions on the making and care of the lawn, fertilizing, weed and pest control. Fully illustrated.....\$1.00

DAHLIAS

By F. F. Rockwell. Tells how to plant them, their uses, what fertilizers to use, how to propagate and hybridize, and how to harvest and store the tubers.....\$1.00

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By L. K. Peacock. A practical treatise on the habits, characteristics, cultivation and history of the dahlia. A book which everyone can read and enjoy, and which no grower, large or small, can do without.....\$1.25

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By H. S. Orloff. Tells how and where to use perennials, their care, cultivation and propagation. Fully illustrated.....\$1.25

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By Palmer. Gives complete instructions on the growing and care of house plants. Paper Cover, \$1.00; Cloth Cover, 1.25.

THE BOOK OF BULBS

By F. F. Rockwell. Pictures and text take you into the garden and show the almost limitless possibilities that bulbs offer. Types are discussed and varieties appraised for their suitability to different uses. Complete information on growing and propagation. \$2.00

THE IRIS

By John C. Wister. A new treatise on the history, development, and culture of the Iris. Cloth Cover.....\$1.25

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By Frank A. Waugh. Contains full instructions on the planting and care of Shrubbery. A complete work.....\$1.25

THE GLADIOLUS

By A. C. Beal. A practical treatise on the propagation and successful culture, in home, garden and under glass.....\$1.25

AMERICAN ROCK GARDENS

By F. S. Hamblin. Full detailed information on the planning, planting and care of the rock garden.....\$1.25

GARDEN LILIES

By Isabella Preston. A new work which fully describes the planting and care, propagation and hybridizing, etc., in detail. Fully illustrated.....\$1.25

GARDEN GUIDE

A complete handbook for the amateur gardener, contains full information on planning and planting the home grounds and the making and care of the Flower, Fruit and Vegetable Garden. Paper Cover, \$1.00; Cloth Cover, \$1.50.

PRACTICAL LANDSCAPE GARDENING

By Crldland. Valuable to the large or small home owner. Gives full information on the planning and planting of the home grounds. Cloth Cover.....\$2.50

THE BOOK OF ANNUALS

By Hottes. A reliable guide for the amateur or the professional, describing over 100 species with full cultural directions and uses. Cloth Cover.....\$1.50

THE BOOK OF PERENNIALS

By Hottes. A companion to the Little Book of Annuals. Describes the general principles of growing and propagating perennials, the location where to plant, and full cultural directions. Cloth Cover.....\$1.50

ROSES AND THEIR CULTURE

By S. C. Hubbard. A treatise on the propagation, culture, and history of the Rose. The author, who has made a specialty of the Rose deals with the subject in a concise manner. Cloth Cover.....\$1.25

THE BOOK OF CLIMBING PLANTS

By Alfred C. Hottes. A new companion to the Annuals and Perennials, dealing only with climbing plants. Cloth Cover.....\$1.75

SPRAY PLANTS WITH **EVER GREEN** NON-POISONOUS INSECTICIDE

Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. Neither will it injure the soil.

NON-POISONOUS

EVER GREEN kills only insects—it is harmless to man, live stock, birds and pets.

EASY TO USE—

Just mix it with water and stir. No need for constant agitating—EVER GREEN stays in solution and won't clog sprayers.



List Prices

1 oz. bottle....\$0.35 16 oz. bottle...\$2.00
6 oz. bottle.... 1.00 32 oz. bottle... 3.50
Postage Extra.



Red Arrow Insect Spray

A non-poisonous contact spray fatal to both chewing and sucking insects. Can be used on fruits, vegetables and flowers without any danger. A sure control for the Mexican Bean Beetle.

1 oz. makes 8 gals. of spray material.

1 oz.....\$0.35 3½ ozs.....\$1.00
½ pt..... 1.75 1 qt..... 6.00
Gal.....\$20.00
Postage Extra.

ATLACIDE NON-POISONOUS WEED KILLER PATENTED DUSTER

Atlacide Non-Poisonous Weed Killer

Duster exterminates all undesirable vegetation including Poison Ivy, Canada Thistle, Johnson Grass, etc. Without danger of poisoning humans or animals. Simply shake powder from can on the weeds and grasses to be killed. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters.

1-lb. duster.....each, 50c.
(Kills 100 sq. ft. of weeds.)

3½-lb. duster.....each, \$1.50
(Kills 350 sq. ft. of weeds.)

Bulk sizes for refilling duster or for making solution

50-lb. drum.....lb., 20c.
(Kills 5,000 sq. ft. of weeds.)

100-lb. drum.....lb., 19c.
(Kills 10,000 sq. ft. of weeds.)

200-lb. drum.....lb., 18c.
(Kills 20,000 sq. ft. of weeds.)
Postage Extra.

JAPANESE BEETLE TRAPS

The use of these traps is recommended for the destruction of the Japanese Beetle. Easy to use and very effective.

Hang the traps about 3 feet from the ground and 3 to 4 feet from the plants. The traps fit any Mason jar or similar container and require baiting only once a season.

Single Challenger Trap.....\$1.00
Mail wt., 3 lbs.

Double Challenger Trap..... 1.50
Mail wt., 4 lbs.

Ellisco Beetle Traps. No. 0..... .35
Mail wt., 2 lbs.

Ellisco Beetle Traps. No. 2. Made of heavy galvanized metal.....\$1.50
Mail wt., 6 lbs.

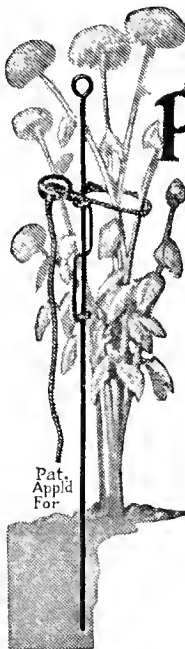
Challenger Beetle Bait. ½ pint can. .25

Challenger Beetle Bait. 1 pint can. .50

Acme Beetle Bait. ¼ pint can..... .30

Acme Beetle Bait. ½ pint can..... .60
Postage Extra.

Timesaver Plant Support



The flower and vegetable garden's best friend. Made in different sizes; can be adjusted to any height and size of loop. Made of galvanized wire suitable for shrubbery, tomatoes, dahlias, paeonies, roses, gladiolus, etc.

No.		P.P. Wt.	Each	Doz.
1	2 ft.	4 lbs.....	\$0.10	\$0.90
2	3 ft.	5 lbs.....	.12	1.15
3	3½ ft.	6 lbs.....	.15	1.60
3A	4 ft.	8 lbs.....	.20	2.20
4	5 ft.	10 lbs.....	.30	2.75

Postage Extra.

A New and Better GARDEN GLOVE National Eezy Wear Garden Gloves



Made from special imported hides processed to render them amazingly soft and pliable. Permit almost barehand freedom yet provide complete all-leather protection. Ideal for garden and similar uses.

Dirt-proof . . . Durable . . . Washable

Four sizes: "SMALL" and "MEDIUM" for Women, "MEDIUM" and "LARGE" size for Men. Price, 75c. a pair—2 pairs for \$1.40. This is the first time we have ever offered an all-leather garden glove with these special qualities at such a low price.

CYANO GAS

REG. U.S. PAT. OFF.

CALCIUM CYANIDE

CYANO GAS -A Dust

For the certain extermination of moles, groundhogs, rats, mice, ants, fleas, wasps and various other pests. ½ lb. tins, 45c.; 1 lb. tins, 75c.; 5 lb. tins, \$3.00; 25 lb. tins, \$10.00; 100 lb. drums, \$30.00.

Not Mailable.

CYANO GAS G. Fumigant

For Greenhouse and Mushroom House Fumigation, Wireworm Control, and all general fumigation work.

In the Greenhouse, ¼ ounce per 1,000 cubic feet will control Aphis, White Fly, Soft Scale, Thrips and other Greenhouse pests.

Very efficient and economical.

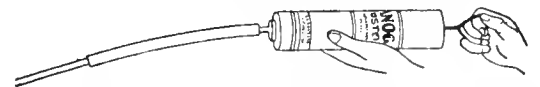
By Express Only

5 lb. tin, \$3.00; 25 lb. tin, \$10.00

100 lb. drum, \$30.00

Booklet on Request.

The No. 1 Special Hand Duster for applying Cyanogas A-Dust



A small hand duster for applying Cyanogas A-Dust to rat holes, groundhog burrows and mole runways. Provided with rigid and flexible extension tubes to facilitate application of dust on small rat and mole infested areas. This duster may also be used with any insecticide dust, by removing the extension tube.

Mail weight, 2 lbs. Price, \$1.40

Postage Extra.

MULCH PAPER



Will help to solve your problems and bring you a large additional profit in your gardening, fruit growing, and farming operations.

The great benefits to be derived from the use of Mulch Paper, are as follows:

Plants set through Mulch Paper do not wilt. Seeds germinate evenly and from two to five days earlier.

Does away with all hoeing and cultivating.

Holds moisture in the soil all through season. Helps to control insect pests.

Increases growing bacteria, releasing plant foods. Greatly increases yields.

Produces vegetables and fruits of larger size, better color, finer flavor.

Prices

Trial Rolls containing 45 feet. Type B Mulch paper, Mail wt., 5 lbs. Postage Extra.. 65c.

Type A—For annuals. 18 in. wide; 300 linear yds. to roll. By express.....\$3.00

Type B—For perennials and all garden work. 18 in. wide; 150 linear yds. to roll. By express.....\$3.00

INSECTICIDES AND FUNGICIDES

Only those Insecticides marked thus * can be mailed. Postage extra. Consult Postal Directions on inside front cover.

Ansect (Rose Bug Destroyer).—A concentrated insecticide that kills the Rose Bug, Aster Beetle, Mealy Bug, Red Spider, Aphis and other greenhouse and outdoor pests by diluting 1 part to 30. Also kills the grubs in the soil by saturation, diluting 1 part to 150. 4 oz. can, **35c.**; pt., **\$1.00**; qt., **\$1.75**. Not mailable.

Ant Killer.—For use on lawns, sports turf, golf courses, etc. Sprinkle a small quantity of Key Brand Ant Killer around the ant hills. The ants carry the preparation into their hills where they eat it and die. A very small quantity will quickly kill an entire colony. 4½ oz. can, **50c.** each. Not mailable.

***Anti-Ant (Non-poisonous).**—For use on lawns, in the home, etc. An odorless powder that works easily, quickly and effectively. A tried and proven remedy.

4 oz., **40c.** (mail weight, 1 lb.); ½ lb., **65c.** (mail weight, 1 lb.); lb., **\$1.00**. (mail weight, 2 lbs.). Postage extra.

Arsenate of Lead (Dry Powder Form).—Being the more popular form of this destroyer, owing to its economical ways of being applied (can be used either as dusting powder or diluted in water). Dusting directions, 1 to 2 lbs. per acre. Diluted in water, 1 lb. to 50 gals.

½ lb., **20c.**; 1 lb., **35c.**; 5 lbs., **\$1.35**; 10 lbs., **\$2.50**; 25 lbs., **\$5.00**; 100 lbs., **\$17.00**. Not mailable.

Coated Arsenate of Lead.—For use against Japanese Beetles on Fruit or Shade trees, only one spraying is necessary. Use 5 lbs. to 50 gals. water before Beetles become established.

1 lb., **50c.**; 2½ lb. Jar, **\$1.10**; 10 lbs., **\$3.50**; 25 lbs., **\$8.00**. Not mailable.

Bordeaux Mixture (Powdered).—Used same as Bordeaux Mixture Paste or liquid. Also used for dry dusting. Dilutes 1 lb. to 8 gallons of water.

½ lb., **20c.**; 1 lb., **35c.**; 5 lbs., **\$1.40**; 10 lbs., **\$2.60**. Not mailable.

Bordo-Lead (Key Cide).—This Bordo Lead Powder is a combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus in one spraying operation. Can be used for wet spraying or dry dusting on fruits, vegetables or flowers. Complete spray for gardens. One pound makes about 7 gallons ready to apply.

½ lb., **25c.**; 1 lb., **45c.**; 5 lbs., **\$2.00**; 10 lbs., **\$3.50**. Not mailable.



***Bug Death, Improved.**—A non-poisonous insect-killing powder, for cabbage and tomato worms, potato and cucumber bugs, etc. Apply with a duster, bellows or powder gun, at the rate of about 12 lbs. per acre. Price, **25c.** per lb. (mail weight, 2 lbs.); 5 lbs., **\$1.00** (mail weight, 6 lbs.); 12½ lbs., **\$2.25** (mail weight, 14 lbs.). Postage extra.

Calcium Arsenate.—For spraying and dusting Potatoes for bugs and fungus trouble. Also controls the Mexican Bean Beetle.

½ lb., **20c.**; lb., **30c.**; 5 lbs., **\$1.20**. Not mailable.

***Calcium Caseinate Spreader.**—For use with insecticides to produce a thin even coating. Gives better worm control.

½ lb., **20c.** (mail weight, 1 lb.); 1 lb., **35c.** (mail weight, 2 lbs.); 5 lbs., **\$1.40**. (mail weight, 6 lbs.). Postage extra.

Dutox.—A sure control for the Mexican Bean Beetle; can be used without danger.

As a spray use 1 lb. to 50 gals. of water. For dusting, apply 6 lbs. to the acre when foliage is wet with dew.

1 lb. pkg., **35c.**; 6 lb. pkg., **\$1.50**. Not mailable.

Hebore, Powdered, White.—Less poisonous than Paris Green and safer to use where fruit is nearly ripe.

½ lb., **30c.**; 1 lb., **55c.** Not mailable.

Hydroxide.—Insecticide and fungicide. A general spray for all flowers, fruits and vegetables.

1 lb., **45c.**; 5 lbs., **\$1.75**; 25 lbs., **\$7.50**; 50 lbs., **\$13.50**. Not mailable.

***Lemon Oil.**—An efficient insecticide for all sucking insects and soft scales. It is applied as a spray or wash and has an agreeable odor.

½ pint, **35c.** (mail weight, 1 lb.); 1 pint, **60c.** (mail weight, 2 lbs.); gallon, **\$3.00** (mail weight, 20 lbs.). Postage extra.

Lime Sulphur Solution.—For all scale insects on trees and shrubs, also of benefit for such fungus bark diseases as can be treated in winter. Must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen in fall and before the buds swell in spring. It can be used quite strong during mid-winter. One gallon to 10 of water.

Quart can, **45c.**; gallon, **\$1.20**. By express.

***Lime-Sulfur (Dry Powdered).**—The most efficient form of this highly celebrated spraying compound. Dissolves instantly in cold or hot water. Directions: Dissolve at rate of 10 lbs. to 50 gals. of water.

1 lb., **35c.** (mail weight, 2 lbs.); 5 lbs., **\$1.40** (mail weight, 6 lbs.); 10 lbs., **\$2.50** (mail weight, 11 lbs.); 25 lbs., **\$4.50** (mail weight, 27 lbs.); 50 lbs., **\$8.00** (mail weight, 55 lbs.); 100 lbs., **\$14.00**. Postage extra.

Mexican Bean Beetle Destroyer.—Can be used on tender foliage plants without danger of burning. For dusting and spraying Lb., **45c.** Not mailable.

Ryrox
TRADE MARK REGISTERED

The well-known fungicide and insecticide. A general spray for all eating insects and fungus troubles. 1 lb. makes 5 gallons of spray material.

1 lb., **50c.**; 5 lbs., **\$2.00**; 10 lbs., **\$3.50**; 25 lbs., **\$7.00**; 50 lbs., **\$12.50**. Not mailable.

Paris Green.—Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. to 100 gallons of water.

¼ lb. package, **15c.**; 1 lb. package, **55c.**; 5 lbs., **\$2.40**; 100 lbs., **\$30.00**. Not mailable.

***P. T. B. (Para Dichlorabenzine).**—A successful remedy for Peach Tree Borers. Directions with each package.

Per lb. can, **65c.** (mail weight, 2 lbs.); 5 lbs., **\$2.50** (mail weight, 6 lbs.); 10 lb. can, **\$4.50** (mail weight, 11 lbs.). Postage extra.

***Pruning Compound.**—A thick paint for applying after pruning. Covers the cuts with an elastic film.

Per quart, **75c.** (mail weight, 2 lbs.). Postage extra.

***Scale Destroyer.**—A liquid oil emulsion which remains on the trees, softening and killing scale, and keeping the bark in good condition.

1 quart, **70c.** (mail weight, 2 lbs.); gallon, **\$1.75** (mail weight, 9 lbs.). Postage extra.

***Slug Shot.**—One of the old and well-known remedies for destroying slugs, currant worms, cabbage worms and all of the soft-shelled insects which trouble vegetation.

1 lb. shaker box, **25c.** (mail weight, 2 lbs.); 5 lbs., **75c.** (mail weight, 6 lbs.); 25 lbs., **\$3.50** (mail weight, 27 lbs.). Postage extra.

***Sulphur, Flowers of.**—Per lb., **10c.** (mail weight, 2 lbs.); 10 lbs., **80c.** (mail weight, 11 lbs.); 25 lbs., **\$1.75**. (mail weight 27 lbs.). Postage Extra.

***Tobacco Dust, Fine.**—For green and black aphids, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots.

Per lb., **10c.** (mail weight, 2 lbs.); 5 lbs., **40c.** (mail weight, 6 lbs.); 10 lbs., **60c.** (mail weight 11 lbs.); 25 lb. bag, **\$1.25** (mail weight 27 lbs.); 50 lb. bag, **\$1.80** (mail weight, 55 lbs.); 100 lb. bag, **\$3.50**. Postage extra.

***Tree Wound Paint.**—Prevents decay after pruning. Does not crack, peel or get brittle, and is not affected by heat, cold or moisture. Quart can, **\$1.00** (mail weight, 2 lbs.). Postage extra.

***Tree Tanglefoot.**—An absolute safeguard against all creeping insects on trees. Apply with paddle, making a band around the tree 3 in. wide. Vermin cannot get over it.

1 lb. can (mail weight, 2 lbs.), **60c.**; 5 lb. can (mail weight, 6 lbs.), **\$2.75**. Postage extra.

***Fish Oil Soap (Whale Oil Soap).**—Makes an excellent wash for trees and plants where insects and eggs affect the bark.

1 lb. (mail weight, 2 lbs.), **25c.**; 5 lbs., **\$1.10**. (mail weight, 6 lbs.). Postage extra.

Weed Killer.—The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted.

Fairmount Weed Killer.—The old reliable, kills all kinds of weeds, poison ivy, etc. Use 1 gallon to 50 gallons of water.

1 qt., **55c.**; ½ gal., **90c.**; 1 gal., **\$1.75**; 5 gals., **\$6.75**; 10 gals., **\$12.00**. Not mailable.

Worm Killer.—In powder form for destroying cut worms that infest the early vegetables.

Lb., **50c.** Not mailable.

NEW WAY TO KILL GARDEN BUGS

PROTECT your flowers and vegetables this new way. Surprisingly easy! Simply sprinkle with a new kind of non-poisonous powder called **PLANTGARD**. Not only are bugs, worms and insects killed, but this almost magical powder also fertilizes the ground. No wonder flowers grow larger and brighter colored! Vegetables mature quicker and are more tasty. Yet it costs only a few cents to protect an entire garden bed.

Ask for Plantgard today.

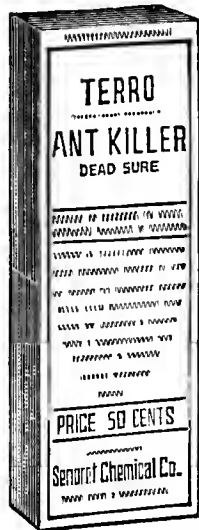
Plantgard
FOR GARDEN PROTECTION



1 lb.....	\$0.35
2 lbs.....	.60
5 lbs.....	1.00

Postage extra.

TERRO ANT KILLER WILL RID A PLACE OF ANTS



IN 24 HOURS,
From pantries, refrigerators, plants, flowers or any other place infested with Ants. Remember **TERRO** is guaranteed to do the work or money back. 50 cents per bottle, postpaid 60 cents. Send us your orders.

SEMESAN
MAKES SEEDS HEALTHY

PREVENTS DAMPING OFF AND PRODUCES BETTER CROPS

Every farmer, trucker, florist and home-gardener should disinfect his seeds with **Semesan** before planting, to rid them of their surface-borne diseases, to increase and accelerate their germination, to improve seedling growth, to produce better plant stands and to secure earlier maturity as well as both better quality and quantity of finished crops.

Treatments with **Semesan** are simple and effective. Either dust the seeds or bulbs with one-half to one ounce of powdered **Semesan** for each 15 pounds of seeds, or immerse them in a 0.25% concentration of liquid **Semesan** for 15 minutes to two hours. This solution is made by stirring one ounce of **Semesan** with just enough water to make a paste and then diluting the paste with three gallons of water.

Semesan is supplied in packages as follows:

Prices	
2 oz.....	\$0.50
1 lb.....	2.75
5 lbs.....	\$13.00
25 lbs.....	62.50
50 lbs.....	122.50

Not Mailable.

SEND FOR CROP BOOKLETS

ANTROL

KILLS ANTS IN THEIR NESTS

New Method "Gets" Them at Their Source . . . Safe, Permanent, Effective

The **Antrol** system is adapted to any size house or garden, and quickly destroys all species of sweet-eating ants. It is composed of small glass containers partially filled with syrup, and placed about the outside edges of the house or along ant "trails" in the garden. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed! Prices—**Antrol** sets containing 4 containers and 1 4-oz. bottle of syrup, **95c.**; **Antrol** extra containers (each), **15c.**; **Antrol** syrup 4-oz. bottles, **45c.**; pints, **95c.**; gals., **\$3.75.**



Not Mailable.

SCALECIDE

THE COMPLETE DORMANT SPRAY
The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines—makes them more beautiful, healthful and fruitful. Used by leading fruit growers. Pleasant to use—non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae and disease cankers and fungous spores wintering on the plant. Mixes instantly—dilute 1 to 15. Prices: 1 Qt. \$.75; 1 Gal. \$1.75; 5 Gals. \$6.25; 10 Gals. \$10.60; 15 Gals. \$13.50; 30 Gals. \$26.00; 50 Gals. \$38. One gal. equals 3 1/2 gals. lime-sulfur.

Sulfocide—truly "A Better Summer Spray". A concentrated liquid sulfur fungicide. Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls: apple scab; brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. Prices: 1 Pt. \$.70; 1 Qt. \$1; 1 Gal. \$2.75; 5 Gals. \$8.75; 10 Gals. \$15; 30 Gals. \$39; 50 Gals. \$60.

SULFOCIDE

A Better Summer Spray

SNAROL

QUICKLY KILLS GARDEN PESTS

Science Provides New, Safe Method That Does the Work Without Fuss

Cutworms, Sowbugs, Grasshoppers, Slugs, Snails, Earwigs, etc., Are Exterminated

Snarol is a ready-prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling, and also is non-injurious to vegetation when used according to simple directions.

Prices—1 1/2-pound packages, **45c.**; 4-pound packages, **95c.**; 15-pound bags, **\$3.50**; 50-pound bags, **\$9.50.**

Not Mailable.



Black Leaf 40

40% Nicotine

Kills Aphis



A Liquid Insecticide for all sucking insects. Used for spraying. 1 oz., **35c.**; 5 oz., **\$1.00**; 1 lb., **\$2.50**; 2 lbs., **\$3.75**; 5 lbs., **\$7.00**; 10 lbs., **\$11.85.**

Not Mailable.

Aphistrogen

KILLS APHIS (PLANT LICE)

For Aphis—Plant Lice

This spray destroys all traces of these pests, outdoors or under glass, in two or three applications, for roses, chrysanthemums, golden glow and all others subject to plant lice. Will not discolor the foliage. **Aphistrogen** is complete. No soap required—simply mix with water and use. **Aphistrogen** is also a good plant disinfectant. Splendid for house plants. Prices By Mail

2 oz.....	\$0.50	\$0.60
1/2 lb.....	1.25	1.40
2 lbs.....	3.50	3.75

Insectrogen

TRIPLE SERVICE

FUNGICIDE · INSECTICIDE · FERTILIZER

A highly effective insecticide for leaf-chewing insects, including caterpillars, slug worms, Japanese Beetle, etc., and many blights.

It is an equally effective detergent for **Black Spot** on Roses, and **Mildew** and **Red Spider** on Phlox, etc.

Fertilizes through the Leaf

Like all the celebrated **Rosenbluth** formulae, **Insectrogen** carries a nitrogenous element which stimulates the plant through the foliage. **Insectrogen** is a complete spray.

Prices		By Mail
4 oz.....	\$0.60	\$0.70
Half Pint.....	1.00	1.15
Pint.....	1.75	2.00
Quart.....	2.75	3.10
Half gallon.....	4.50	By Express
Gallon.....	8.00	"

Fungtrogen

FUNGICIDE · FERTILIZER

(Rosenbluth Formula)

A REMARKABLE NEW DISCOVERY FOR ROSES

Fungtrogen is a highly concentrated form of fungicide that will conquer mildew, practically over night, and control black spot, heretofore considered incurable.

Being highly concentrated, **Fungtrogen** should be combined with 60 parts of water, which makes it very economical. It does not disfigure the foliage, or clog up the pores of the leaves. It remains suspended in solution and does not precipitate to the bottom of the sprayer.

Prices		By Mail
Half pint.....	\$0.75	\$0.90
Pint.....	1.25	1.50
Quart.....	2.00	2.35
Half Gallon.....	3.50	4.00
Gallon.....	6.00	By Express

INOCULATE

ALL LEGUMES

Alfalfa, all Clovers, Soy Beans, Cow Peas,
Peas, Beans, Vetch, Peanuts with

The Improved Soil Inoculator, Nobbe-Hiltner Process



THE ORIGINAL SOIL INOCULATOR
with the *Date* and *Germ Count* on every can.

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. Fresh, high count NITRAGIN, containing billions of nitrogen-gathering germs build up the soil. Costs less than others—is cheapest crop insurance. Insist on NITRAGIN.

Every Can
Stamped with
Expiration
Date

Fresh
Each Year



Every 1 Bu.
Size Can
Packed with
More Than
7 Billion
Legume
Germs

NITRAGIN PRICES

Size	Alfalfa, All Clovers	Price
1/4 bu.		\$.40
1/2 bu.		.60
1 bu.		1.00
5 bu.		4.75

When ordering
always specify
kind of seed

Size	Peas, Vetch, Beans, Austrian Winter Peas	Price
1/4 bu.		\$.40
1/2 bu.		.60
1 bu.		.90
3 1/2 bu.		1.80
5 bu.		2.50

*Also called "100 lb.
size."

Size	Soy Beans and Cow Peas	Price
1 bu.		\$.40
2 bu.		.70
5 bu.		1.50
10 bu.		2.50

When ordering
always specify
kind of seed

Garden Nitratin—Garden Size—
Peas, Beans, Sweet Peas

Inoculates from 1 ounce to 8 lbs. seed. Price, 25c.

Important.—When ordering Nitratin, always be sure to state kind of legume seed you wish to inoculate.

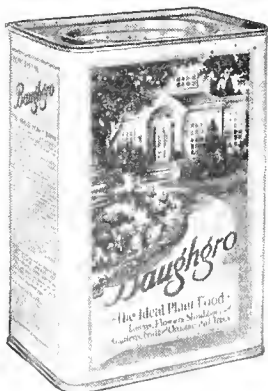
Nitratin Has Served the American Farmer Since 1898

Baughgro

THE IDEAL PLANT FOOD

For Lawns, Flowers, Shrubbery and Gardens, Fruit
and Ornamental Trees

Baughgro is a complete plant food, containing all the necessary elements except those present naturally in all fairly good soils.



With thorough preparation of the ground, and with good drainage, and under the influence of air, light and warmth, and when used as directed Baughgro is almost a miracle worker. In its make-up emphasis is laid, first—on the element nitrogen or ammonia, which encourages luxuriant green growth; second—on that valuable element phosphoric acid, one of the essentials to healthy growth to hasten maturity; third—on that element or constituent potash, which has so much to do with firmness and excellence of plant tissues. All of these three elements are derived from unexcelled high grade sources and processed in well-balanced combination.

Baughgro is in perfect mechanical condition, free of offensive odor and easy to use.

Prices

5 lb. can.	50c.	50 lb. bag.	\$3.00
25 lb. bag.	\$1.75	100 lb. bag.	5.00

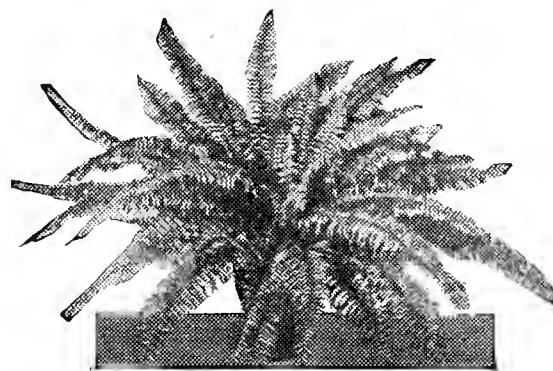
F. O. B. Phila.

STIM-U-PLANT

PLANT STIMULANT TABLET

GLORIOUS GARDENS

PERFECT HOUSE PLANTS



Simply insert tablets in soil about 3 inches from stem of plant, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order **Stim-U-Plant** tablets with your seed and plant order. Price, 10 tablets, 15c.; 30 tablets, 25c.; 100 tablets, 75c.; 1000 tablets, \$3.50.

Old Gardener Fertilizer

For Lawns, Gardens, Flowers

A complete fertilizer, containing all the necessary elements of plant food for pot plants, window boxes, flower and vegetable gardens, lawns, shrubbery, roses, fruit trees—in fact, for all plant life.

Absolutely odorless, clean and easy to handle. No need of dissolving in water; just follow the simple directions printed on every package.

Prices

5 lbs., 50c.; 10 lbs. 85c.; 25 lbs., \$1.75.

FULTON'S

PLANTABBS

ODORLESS PLANT FOOD TABLETS

The New, Perfected

Plant Food Tablet That

Dissolves Quickly

Plantabbs are small, white odorless tablets. A complete, properly balanced fertilizer guaranteed the high analysis of nitrogen 11%, phosphoric acid 15%, potash 20%, are water soluble, dissolves quickly, giving immediate fertilization. Ideal for house plants where smelly fertilizer cannot be used but equally good for all garden planting, especially roses. We highly recommend Plantabbs because there is no waste, no weeds, no run-off. They are clean, odorless, easy to use, and we do not know of a single dissatisfied user.

30 tablets, 25c.; 75 tablets, 50c.; 200 tablets, \$1.00; 1000 tablets, \$3.50.

NITROPHOSKA

15-30-15

15% Nitrogen (18.2% Ammonia); 30% Available Phosphoric Acid; 15% Potash

Nitrophoska is a concentrated, complete fertilizer containing all of the three essential plant-foods—nitrogen, phosphoric acid and potash. It is three to five times as rich in actual plant-food as the ordinary commercial fertilizer. "A little goes a long way." A wonderful fertilizer for lawns, shrubbery, flowers and vegetables.

FLORANID

[UREA]

46% Nitrogen—equivalent to 55.9% Ammonia

Floranid is a very rich nitrogen fertilizer, in which the nitrogen is in the same chemical form as in liquid manure. Twenty-two pounds of **Floranid** contain as much nitrogen as a ton of manure. Used principally during the growing season to obtain more rapid growth, richer color of foliage and greater brilliancy of bloom. Also excellent for house plants.

Nitrophoska and Floranid Prices

1 lb. can.	25c.	5 lb. can.	90c.
10 lb. can.	\$1.50	25 lb. Bag.	\$2.75

F. O. B. Phila.

1932

ORDER SHEET

I. N. SIMON & SON,

**438 & 436 MARKET STREET
PHILADELPHIA
PENNSYLVANIA, U. S. A.**

All members of one family should order under one name. PERSONAL CHECKS FROM UNKNOWN PATRONS WILL BE CASHED BEFORE ORDER IS EXECUTED

Please forward the following as per terms of your Descriptive Catalogue to

Name _____ **Date** _____
(Mr., Mrs., or Miss: Write name and address very plainly.)

Street..... **P. O. Box No.**.....

Post Office R. F. D. No.

County..... **State**.....

Express or Freight Office { If different }
 { from P. O. }

HOW SHALL WE SHIP? { State on this line whether wanted }
by Parcels Post, Express or Freight } -----

AMOUNT ENCLOSED: P. O. Order..... Express Order..... Check or Draft..... Cash..... Stamps Total.....

How to Send Remittance

Never send Bills or Currency in a letter. If necessary to do so be sure to REGISTER IT.

The safest form of remittance is a Check, Post Office or Express Money Order.

NOTICE

Prepaid Orders.—We Prepay Transportation (Parcels Post, Express) our option, on all flower and vegetable seeds in packets, ounces, quarter pounds, half pounds and pounds, at prices quoted herein, to any point in the **United States, Canada, South America, West Indies,** including **Cuba**, when **Cash** accompanies order.

Bulk Orders.—We prepay Freight or Express Charges, our option, to your nearest railroad station to any point in the **United States or Canada** on orders amounting to **Ten Dollars** or more if **Cash** accompanies order on vegetable and flower seeds, providing not more than 50% of the value is **Peas, Beans or Corn.**

Purchaser Pays Transportation on Potatoes, Onion Sets, Implements, Insecticides and Fertilizers, also on Peas, Beans and Corn, when ordered alone in five-pound lots or more.

For postal rates see inside front cover.

[illegible]

I. N. SIMON & SON

give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. (OVER)

(OVER)

FERTILIZERS

All prices subject to change without notice. All Fertilizers are F. O. B. Philadelphia.
If wanted by parcel post add postage

Ashes.—(Hard Wood).—Very high in potash; fine for top dressing lawns—mixed with pulverized manure—makes an excellent fertilizer for all purposes. Apply 1000 to 1500 pounds per acre.
25 lbs., **75c.**; 50 lbs., **\$1.35**; 100 lbs., **\$2.50**; bag (200 lbs.), **\$4.00**; ton, F. O. B. Philadelphia, **\$35.00**.

Bone Meal (Extra Fine).—This fertilizer we recommend for lawns, rose bushes, grape vines, etc., especially where a moderately slow fertilizer is needed, for the deep-rooted shrubbery and where a perfectly safe fertilizer is wanted
2 lbs., **20c.**; 5 lbs., **40c.**; 10 lbs., **65c.**; 25 lbs., **\$1.25**; 50 lbs., **\$2.25**; 100 lbs., **\$4.00**; bag, 200 lbs., **\$7.50**. Apply at rate of 1000 lbs. to an acre. Ton—Price on application.

Complete Animal Base.—A high-grade mixture for general crops. This is a combination brand of fertilizer containing 2 per cent. Ammonia, 8 per cent. Phos. Acid and 5 per cent. Potash. Per 200-lb. bag, **\$3.50**; per ton, **\$33.50**.

Potato and Truck Special.—A high-grade fertilizer for potatoes and all crops, containing 4 per cent. Ammonia, 8 per cent. Phos. Acid and 6 per cent. Potash.
Per 200-lb. bag, **\$5.00**; per ton, **\$45.00**.

Bowker's Lawn and Garden Dressing.—One of the best high-grade fertilizers, splendid for Lawns, Flowers and the Vegetable Garden. 10 lbs. will top dress 1000 square feet of Lawn or 500 square feet of Garden.
\$1.00 per 10-lb. can. Postage extra.

Blood (Dried).—For indoor culture of flowering plants, its chief element being nitrogen. One of the quickest acting fertilizers.
5 lbs., **60c.**; **\$1.00** per 10 lbs.; 25 lbs., **\$2.00**; **\$3.50** per 50 lbs.; 100 lbs., **\$6.00**; **\$11.00** per 200 lbs.

Peat Moss, Granulated (Imported).—For improving the soil, for mulching lawns, evergreens shrubs, etc. An excellent soil builder.
5 lbs., **25c.**; 10 lbs., **40c.**; 25 lbs., **85c.**; 50 lbs., **\$1.50**; 100 lbs., **\$2.75**; large bale, **\$4.00**.

Sheep Manure (Pulverized).—The most popular article for general fertilizing purposes. This is a high-grade manure, dried and pulverized, giving lasting results. Can be applied by diluting in water or mixing with soil. Excellent for house plants as well as for outdoor plants.
5 lbs., **45c.**; 10 lbs., **70c.**; 25 lbs., **\$1.25**; 50 lbs., **\$2.00**; 100 lbs., **\$3.75**; 500 lbs., **\$18.00**; 1000 lbs., **\$33.00**; 1 ton, **\$60.00**.

Hyper Humus.—An excellent article to incorporate with poor soil in the garden, lawns or in potting plants. When used in garden work, the ground should be covered with $\frac{1}{2}$ to 2 inches of Humus and spaded in.
Per 5 lbs., **35c.**; **60c.** for 10 lbs.; 25 lbs., **85c.**; **\$1.35** per 50 lbs.; 100 lbs., **\$2.50**; **\$12.50** per 500 lbs.; $\frac{1}{2}$ ton, **\$20.00**; **\$30.00** per ton.

Nitrate of Soda.—Valuable for the nitrogen it contains. Is an excellent stimulant, and is used in addition to other fertilizers. Is quick in action, hastening crops to maturity. **Not malleable.**
5 lbs., **45c.**; 10 lbs., **85c.**; 25 lbs., **\$1.50**; 50 lbs., **\$2.75**; 100 lbs., **\$4.75**; 200 lbs., **\$9.50**; 1000 lbs., **\$45.00**.

Muriate of Potash.—Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash.
5 lbs., **35c.**; 10 lbs., **60c.**; 25 lbs., **\$1.25**; 50 lbs., **\$2.00**; 100 lbs., **\$3.75**; 200 lbs., **\$7.00**; $\frac{1}{2}$ ton, **\$31.50**; ton, **\$60.00**.

Acid or Rock Phosphate.—Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis.
5 lbs., **20c.**; 10 lbs., **35c.**; 25 lbs., **75c.**; 50 lbs., **\$1.25**; 100 lbs., **\$2.00**; 200 lbs., **\$3.25**.

Sulphate of Ammonia.—A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Also used for top dressing lawns, producing a thick velvet growth and discouraging the weeds.
Analysis equal to 25% ammonia and 21% nitrogen. Apply 2 pounds per 500 square feet.
2 lbs., **25c.**; 5 lbs., **60c.**; 10 lbs., **\$1.15**; 25 lbs., **\$2.25**; 50 lbs., **\$3.75**; 100 lbs., **\$6.00**.

Lime (Hydrated Agricultural).—Used to correct acid soils, also to hold sandy soil together, thus making it retain more moisture. Lime also breaks up clay soils, making them easy to till. Use 1200 lbs. to 1 ton to the acre.
Price, 10 lbs., **35c.**; 50 lbs., **\$1.00**; 100 lbs., **\$1.75**.



SACCO is the finest of fertilizers—a combined soil rectifier and growth producer for use on LAWNS, GARDENS, SHRUBS, FLOWERS, TREES, POTTED PLANTS and VEGETABLES. It is a well-balanced preparation containing ALL THE FEEDING ELEMENTS essential to the perfect growth and development of all plants.

A single SACCO application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant food gives quick results, is easy to apply and very economical.

Use 2 to 4 lbs. per 100 sq. ft.

1 lb. can.....	15c.	25 lb. bag.....	\$1.75
5 lb. bag.....	50c.	50 lb. bag.....	3.00
10 lb. bag.....	85c.	100 lb. bag.....	5.00



**An Ideally Balanced Fertilizer
Formulated Especially for
Weed Control in Lawns
Feeds Grass—Fights Weeds**

WEDO not only supplies the lawn with an ideally balanced feeding ration, that produces healthy, rugged growth of grass, but contains elements that have been proven to be effective in the elimination of weeds.

Simple directions for applying **WEDO** come with each package.

Price

10 lbs.....	95c.	50 lb. bag.....	\$3.75
25 lb. bag.....	\$2.00	100 lb. bag....	6.50



Enjoy Better Lawns, Flowers, and Gardens by Using VIGORO

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery, and stately trees.

You can enjoy these beauties of nature if you use good seed, plants, bulbs, and the right plant food. The right plant food is important because plants must be fed the same as human beings.

Vigoro provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plant food required to produce early, vigorous growth, and bring fruit, flowers, and foliage to full development.

Complete directions for applying **Vigoro** for all plants are contained in every bag. **Vigoro** should be used at the rate of four pounds per 100 square feet (10 ft. x 10 ft.) in the spring and fall. Use one-half this amount for summer feeding.

Prices

5-lb. pkg.....	\$0.50
25-lb. bag.....	1.75
50-lb. bag.....	3.00
100-lb. bag.....	5.00



1932 — *Price List*

SIMON'S

Perfection Seeds

for Market Gardeners



Marglobe
SPECIAL STOCK

I. N. SIMON & SON
Seedsman
438 and 436 MARKET STREET
Philadelphia, Pa., U.S.A.